

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800962	BAN107886	49%	98.2%	100%
SAU800962	BAN113216	70%	99.8%	99.3%
SAU800962	BFR10381	50%	99.3%	100%
SAU800962	BPT100657	27%	80.1%	72.2%
SAU800962	BBU100729	24%	81.0%	69.5%
SAU800962	BCE100058	24%	84.0%	68.0%
SAU800962	BFU101343	24%	81.3%	68.5%
SAU800962	BMA107745	24%	83.3%	69.4%
SAU800962	CJU101444	30%	79.2%	84.5%
SAU800962	CPN200812	24%	87.4%	75.1%
SAU800962	CTR200647	25%	84.9%	72.7%
SAU800962	CAC100048	64%	99.1%	98.7%
SAU800962	CBO102016	60%	99.3%	97.8%
SAU800962	CDF103720	63%	100%	99.8%
SAU800962	CDP100102	25%	78.1%	66.9%
SAU800962	EBC103837	24%	78.1%	67.5%
SAU800962	EFA202329	64%	100%	100%
SAU800962	EFM202538	66%	100%	100%
SAU800962	ECO103919	28%	48.3%	38.3%
SAU800962	HIN101544	23%	93.9%	78.5%
SAU800962	HPY101149	24%	81.9%	71.0%
SAU800962	KPN302607	24%	78.1%	66.7%
SAU800962	LPN103064	21%	35.4%	71.7%
SAU800962	LMO101990	67%	100%	99.6%
SAU800962	MCA101062	23%	77.9%	67.5%
SAU800962	MAV105583	23%	79.5%	66.8%
SAU800962	MBV101975	24%	79.5%	66.9%
SAU800962	MLP100108	23%	79.9%	67.1%
SAU800962	MTU200937	24%	79.5%	66.9%
SAU800962	MGE100113	34%	95.7%	97.5%
SAU800962	MPN100582	33%	92.6%	94.9%
SAU800962	NGO101248	24%	84.0%	69.7%
SAU800962	NME201465	24%	84.0%	72.3%
SAU800962	PMU100416	24%	78.1%	66.8%
SAU800962	PRT101480	23%	78.1%	66.8%
SAU800962	PAE204728	20%	91.6%	74.2%
SAU800962	PPU108446	22%	82.6%	69.0%
SAU800962	PPU108272	22%	82.6%	69.0%
SAU800962	PSY100665	23%	49.0%	38.6%
SAU800962	SPA103272	28%	48.3%	38.5%
SAU800962	STY101906	24%	78.1%	66.7%
SAU800962	STM102761	24%	78.1%	66.7%
SAU800962	SAU800962	100%	100%	100%
SAU800962	SEP200169	90%	100%	100%
SAU800962	SHA100475	100%	12.2%	100%
SAU800962	SHA101567	92%	100%	100%
SAU800962	SHA102448	92%	100%	100%
SAU800962	SMU100622	62%	100%	100%
SAU800962	SPN401879	63%	100%	100%
SAU800962	SPY200159	63%	100%	100%
SAU800962	TPA100471	23%	87.8%	77.2%
SAU800962	VCH100369	23%	78.1%	66.5%
SAU800962	YPS003348	24%	78.1%	66.8%
SAU800965	ABA104917	27%	91.6%	80%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800965	BAN110074	48%	78.0%	98.6%
SAU800965	BAN104864	45%	96.9%	96.8%
SAU800965	BFR104933	52%	23.6%	38.8%
SAU800965	BFR102922	35%	56.5%	48.0%
SAU800965	BFR103785	30%	92.7%	93.2%
SAU800965	BPT102614	32%	90.1%	74.1%
SAU800965	BBU100262	24%	86.9%	94.0%
SAU800965	BCE109420	30%	92.1%	73.4%
SAU800965	BFU101296	31%	92.1%	73.4%
SAU800965	BMA103433	33%	92.1%	73.4%
SAU800965	CJU100795	25%	94.2%	87.9%
SAU800965	CPN200652	47%	22.5%	54.6%
SAU800965	CTR200284	45%	22.5%	54.5%
SAU800965	CAC103745	37%	91.6%	90.2%
SAU800965	CBO101026	33%	94.2%	93.8%
SAU800965	CBO103680	34%	91.6%	93.1%
SAU800965	CDF102071	38%	93.7%	94.9%
SAU800965	CDF103915	41%	93.7%	94.9%
SAU800965	CDF100857	42%	92.1%	91.2%
SAU800965	CDP101133	26%	92.7%	84.1%
SAU800965	EBC102413	23%	91.1%	75.9%
SAU800965	EFA201207	39%	92.7%	92.4%
SAU800965	EFA201464	42%	93.2%	92.3%
SAU800965	EFA202010	33%	85.3%	95.2%
SAU800965	EFA200470	36%	88.5%	63.9%
SAU800965	EFM200768	51%	55.5%	82.1%
SAU800965	ECO102519	23%	91.1%	75.9%
SAU800965	HIN100014	24%	88.5%	69.1%
SAU800965	HPY100569	22%	89.5%	81.0%
SAU800965	KPN303155	34%	91.1%	75.9%
SAU800965	LMO101081	45%	85.3%	88.3%
SAU800965	MCA102001	26%	91.6%	66.8%
SAU800965	MAV102887	26%	93.7%	76.9%
SAU800965	MBV102295	27%	93.7%	75.2%
SAU800965	MLP100983	26%	93.7%	78.9%
SAU800965	MTU202865	27%	93.7%	75.2%
SAU800965	NGO100038	27%	85.9%	67.3%
SAU800965	NME200899	28%	85.9%	78.1%
SAU800965	PMU100062	26%	86.9%	67.4%
SAU800965	PRT105741	25%	99.0%	80.2%
SAU800965	PAE200767	29%	89.5%	72.2%
SAU800965	PAE201302	33%	78.0%	76.5%
SAU800965	PPU107909	28%	93.2%	75.7%
SAU800965	PSY102320	27%	93.2%	75.7%
SAU800965	SPA100368	33%	44.0%	40.7%
SAU800965	STY102115	33%	85.9%	72.8%
SAU800965	SAU800965	100%	100%	100%
SAU800965	SEP200178	79%	100%	100%
SAU800965	SHA101671	75%	99.5%	100%
SAU800965	SMU101279	38%	94.8%	97.4%
SAU800965	SPN400364	35%	92.7%	95.6%
SAU800965	SPY201418	36%	93.7%	97.5%
SAU800965	TPA100183	24%	90.1%	89.4%
SAU800965	VCH102426	29%	87.4%	72.1%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800965	YPS002228	36%	90.1%	74.7%
SAU800966	BAN101759	25%	99.4%	99.8%
SAU800966	BAN107464	32%	98.3%	98.6%
SAU800966	CAC100694	28%	98.3%	97.9%
SAU800966	CBO102997	28%	97.8%	97.7%
SAU800966	CDF103113	27%	98.5%	99.0%
SAU800966	EFA201462	24%	94.7%	94.1%
SAU800966	EFM200885	24%	99.2%	99.4%
SAU800966	LMO100290	30%	97.9%	98.2%
SAU800966	PRT100901	22%	30.9%	31.9%
SAU800966	SAU800966	100%	100%	100%
SAU800966	SEP200180	72%	99.2%	99.1%
SAU800966	SHA101672	70%	99.4%	99.1%
SAU800966	SMU100470	21%	86.7%	86.8%
SAU800966	SPN401039	19%	82.7%	83.9%
SAU800966	SPY200571	20%	93.5%	93.6%
SAU800967	BAN111196	34%	98.5%	99.1%
SAU800967	BAN105909	36%	99.2%	98.8%
SAU800967	BFR102381	20%	70.3%	78.2%
SAU800967	BBU100632	21%	97.0%	94.2%
SAU800967	CTR200007	20%	77.5%	80.6%
SAU800967	CAC103739	32%	98.8%	99.0%
SAU800967	CBO101540	32%	98.8%	99.1%
SAU800967	CDF102097	31%	98.0%	98.4%
SAU800967	EBC102605	21%	97.5%	95.7%
SAU800967	EFA201460	32%	99.8%	98.2%
SAU800967	EFM200194	34%	98.8%	98.4%
SAU800967	LMO102657	35%	99.4%	98.7%
SAU800967	SAU800967	100%	100%	100%
SAU800967	SEP200182	75%	99.8%	99.3%
SAU800967	SHA101673	66%	99.8%	99.2%
SAU800967	SMU100467	30%	98.2%	96.6%
SAU800967	SPN401040	30%	98.2%	96.6%
SAU800967	SPY200572	29%	98.2%	96.5%
SAU800967	TPA100888	20%	98.6%	97.3%
SAU800968	ABA100124	32%	66.3%	92.0%
SAU800968	BAN101423	36%	93.7%	100%
SAU800968	BAN104355	41%	99.3%	99.7%
SAU800968	BFR11202	30%	58.3%	87.7%
SAU800968	BPT105862	36%	69.3%	73.1%
SAU800968	BCE110171	39%	65.7%	70.7%
SAU800968	BFU110006	43%	77.7%	79.6%
SAU800968	BMA105697	38%	65.7%	66.9%
SAU800968	CJU100021	40%	70.7%	75%
SAU800968	CDF103166	34%	99.3%	97.7%
SAU800968	CDF101613	42%	71%	73.3%
SAU800968	CDP100223	32%	73.3%	77.0%
SAU800968	EBC102101	34%	100%	96.5%
SAU800968	ECO101153	31%	69.3%	93.2%
SAU800968	KPN303993	36%	83%	2.4%
SAU800968	LPN100114	24%	40.7%	38.9%
SAU800968	LMO102616	40%	100%	99.6%
SAU800968	MCA102285	29%	59.7%	83.8%
SAU800968	MAV100179	35%	73%	79.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800968	MBV101328	36%	73%	79.6%
SAU800968	MLP101033	35%	73%	88.4%
SAU800968	MTU202955	36%	73%	88.3%
SAU800968	NGO100109	27%	66%	89.4%
SAU800968	NME201411	28%	66%	89.4%
SAU800968	PMU101529	37%	81%	92.5%
SAU800968	PRT105162	32%	59.7%	83.5%
SAU800968	PAE204119	35%	81%	91.1%
SAU800968	PPU102070	31%	59.7%	82.8%
SAU800968	PSY107523	29%	69.3%	92.8%
SAU800968	SPA104517	38%	68%	93.0%
SAU800968	STY103635	35%	88%	8.6%
SAU800968	STM104158	34%	99.3%	94.2%
SAU800968	SAU800968	100%	100%	100%
SAU800968	SEP200184	87%	100%	99.7%
SAU800968	SHA101674	89%	100%	99.7%
SAU800968	VCH103722	25%	65%	90.7%
SAU800968	YPS003019	34%	82%	93.6%
SAU800974	ABA104297	26%	56.3%	94.9%
SAU800974	BAN111897	23%	49.3%	76.8%
SAU800974	BFR101716	26%	57.1%	87.9%
SAU800974	BCE100247	32%	57.3%	50.9%
SAU800974	BCE111953	32%	57.3%	49.5%
SAU800974	CJU101565	25%	43.2%	55.9%
SAU800974	CDP100706	37%	62.4%	98.7%
SAU800974	EFA200943	35%	97.5%	97.8%
SAU800974	EFM101912	38%	28.3%	100%
SAU800974	KPN309179	29%	13.1%	16.1%
SAU800974	NGO101759	32%	63.6%	57.9%
SAU800974	NME202037	32%	65.7%	61.4%
SAU800974	PSY104429	31%	61.6%	54.0%
SAU800974	STM100162	31%	58.3%	53.9%
SAU800974	SAU800974	100%	100%	100%
SAU800974	SEP200198	68%	98.3%	98.0%
SAU800974	SHA100654	67%	99.2%	98.2%
SAU800974	YPS001466	22%	19.5%	20.5%
SAU800975	ABA101867	51%	99.8%	99.9%
SAU800975	BAN105594	32%	21.2%	100%
SAU800975	BAN100493	44%	26.6%	99.1%
SAU800975	BAN103472	53%	43.2%	91.0%
SAU800975	BAN107108	60%	99.5%	100%
SAU800975	BFR10905	38%	81.2%	79.4%
SAU800975	BFR101559	50%	98.6%	99.3%
SAU800975	BPT101928	53%	98.2%	98.5%
SAU800975	BCE108256	52%	99.3%	99.5%
SAU800975	BFU101142	53%	75.1%	98.9%
SAU800975	BMA104295	52%	98.3%	98.6%
SAU800975	CJU100472	48%	98.0%	98.4%
SAU800975	CPN200617	46%	98.0%	97.7%
SAU800975	CTR200383	49%	98.4%	98.6%
SAU800975	CAC100315	55%	99.1%	99.5%
SAU800975	CBO100316	56%	98.7%	99.3%
SAU800975	CDF100817	56%	98.7%	99.3%
SAU800975	CDP101419	52%	98.2%	98.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800975	EBC100668	54%	64.8%	99.3%
SAU800975	EFA200871	61%	100%	99.9%
SAU800975	EFM202090	61%	100%	99.8%
SAU800975	ECO102539	52%	98.6%	99.3%
SAU800975	HIN100839	52%	98.2%	98.8%
SAU800975	HPY100260	46%	97.4%	97.8%
SAU800975	KPN301209	52%	98.6%	99.3%
SAU800975	LPN102913	51%	96.7%	98.8%
SAU800975	LMO101394	63%	99.4%	99.8%
SAU800975	MCA100931	51%	99.3%	96.3%
SAU800975	MAV101212	53%	98.2%	96.5%
SAU800975	MBV100178	53%	94.9%	100%
SAU800975	MLP101480	53%	98.6%	99.2%
SAU800975	MTU200383	52%	98.6%	99.2%
SAU800975	MGE100365	50%	80.9%	97.3%
SAU800975	MPN100311	50%	80.3%	96.5%
SAU800975	NGO100439	50%	98.6%	99.4%
SAU800975	NME201542	50%	98.6%	99.4%
SAU800975	PMU101704	52%	96.7%	97.3%
SAU800975	PRT105204	52%	98.8%	99.2%
SAU800975	PAE204540	51%	98.6%	99.4%
SAU800975	PPU108177	51%	98.6%	99.4%
SAU800975	PSY100953	52%	93.9%	98.5%
SAU800975	STY102189	52%	98.6%	99.3%
SAU800975	STM103776	38%	81.2%	77.9%
SAU800975	SAU800975	100%	100%	100%
SAU800975	SEP200200	87%	99.7%	99.7%
SAU800975	SHA100227	90%	91.6%	97.9%
SAU800975	SMU100300	44%	96.5%	97.0%
SAU800975	TPA100070	51%	98.6%	99.0%
SAU800975	UUR100394	52%	80.3%	97.4%
SAU800975	VCH100698	51%	98.7%	99.4%
SAU800975	YPS002837	51%	98.7%	99.2%
SAU800984	ABA105798	37%	98.8%	99.5%
SAU800984	ABA100324	40%	99.0%	99.8%
SAU800984	BAN112689	60%	98.3%	99.8%
SAU800984	BAN107953	64%	99.3%	99.8%
SAU800984	BFR12010	50%	98.6%	98.8%
SAU800984	BPT102618	49%	98.3%	99.3%
SAU800984	BCE113298	51%	74.2%	99.0%
SAU800984	BFU100675	52%	98.3%	95.3%
SAU800984	BMA102164	52%	98.3%	99.0%
SAU800984	CJU100410	47%	98.8%	99.8%
SAU800984	CPN200933	47%	98.6%	98.8%
SAU800984	CTR200146	46%	98.8%	98.6%
SAU800984	CAC100013	54%	99.0%	99.8%
SAU800984	CBO102384	53%	99.3%	99.0%
SAU800984	CDF101773	58%	98.8%	99.5%
SAU800984	CDP100587	25%	98.3%	27.7%
SAU800984	EBC100090	50%	63.5%	98.9%
SAU800984	EFA201888	53%	98.8%	99.3%
SAU800984	EFM201378	54%	98.6%	99.3%
SAU800984	ECO101068	51%	98.3%	99.0%
SAU800984	HIN101502	39%	98.6%	99.3%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800984	HPY100551	46%	98.3%	99.5%
SAU800984	KPN301302	51%	98.3%	99.0%
SAU800984	LPN100053	54%	98.6%	99.3%
SAU800984	LMO100394	64%	98.8%	99.0%
SAU800984	MCA101479	46%	98.3%	100%
SAU800984	MAV103067	39%	97.8%	100%
SAU800984	MBV100653	38%	98.1%	96.9%
SAU800984	MLP101008	39%	98.1%	96.9%
SAU800984	MTU202211	38%	98.1%	96.9%
SAU800984	NGO100696	52%	99.8%	92.6%
SAU800984	NME200042	53%	99.8%	99.8%
SAU800984	PMU100339	39%	99.0%	99.8%
SAU800984	PRT104423	49%	98.3%	99.0%
SAU800984	PAE202963	52%	98.6%	98.8%
SAU800984	PPU104840	53%	98.6%	98.8%
SAU800984	PSY101697	51%	98.6%	98.8%
SAU800984	SPA100629	50%	98.3%	99.0%
SAU800984	STY102533	51%	98.3%	99.0%
SAU800984	STM102723	51%	98.3%	99.0%
SAU800984	SAU800984	100%	100%	100%
SAU800984	SEP200206	88%	99.8%	99.8%
SAU800984	SHA101847	89%	99.8%	99.8%
SAU800984	SMU100539	44%	98.8%	99.0%
SAU800984	SPN400382	46%	98.6%	97.8%
SAU800984	SPY201347	47%	98.8%	99.0%
SAU800984	VCH101989	52%	98.3%	99.0%
SAU800984	YPS003134	49%	98.3%	99.0%
SAU800996	ABA105617	30%	97.9%	96.4%
SAU800996	BAN100511	58%	100%	100%
SAU800996	BAN103479	64%	100%	99.7%
SAU800996	BFR11695	32%	97.3%	92.8%
SAU800996	BPT101857	31%	98.2%	72.9%
SAU800996	BBU100005	33%	99.1%	93.8%
SAU800996	BCE111566	43%	50.2%	42%
SAU800996	BFU104126	39%	98.5%	98.5%
SAU800996	BMA102942	43%	98.5%	98.5%
SAU800996	CJU100356	36%	97.9%	99.4%
SAU800996	CPN201050	29%	98.8%	96.5%
SAU800996	CTR200863	29%	98.8%	96.0%
SAU800996	CAC102256	53%	98.2%	94.5%
SAU800996	CBO103516	53%	98.2%	97.3%
SAU800996	CDF103033	51%	99.7%	98.5%
SAU800996	CDP100799	47%	98.2%	93.9%
SAU800996	EBC103867	51%	97.6%	97.0%
SAU800996	EFA200882	60%	99.7%	92.5%
SAU800996	EFM201661	33%	97.9%	97.6%
SAU800996	ECO103307	51%	98.8%	98.2%
SAU800996	HIN100618	50%	97.6%	97.0%
SAU800996	HPY101236	46%	97.9%	94.4%
SAU800996	KPN301318	51%	98.8%	98.2%
SAU800996	LPN101785	40%	48.9%	40.6%
SAU800996	LMO101120	62%	99.7%	98.8%
SAU800996	MCA100953	30%	97.9%	95.8%
SAU800996	MAV101730	43%	99.1%	97.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU800996	MBV102918	45%	97.6%	96.4%
SAU800996	MLP100424	42%	97.6%	95.6%
SAU800996	MTU203293	45%	97.6%	96.4%
SAU800996	MGE100128	36%	97.3%	96.3%
SAU800996	MPN100568	36%	99.1%	98.3%
SAU800996	NGO100436	30%	97.9%	97.3%
SAU800996	NME201541	30%	97.9%	97.3%
SAU800996	PMU101621	50%	97.6%	97.3%
SAU800996	PRT100815	53%	97.6%	94.7%
SAU800996	PAE204437	30%	97.9%	73.4%
SAU800996	PPU111782	33%	97.9%	73.3%
SAU800996	PSY103844	33%	97.9%	73.3%
SAU800996	SPA103184	46%	62.6%	98.1%
SAU800996	STY101408	51%	98.8%	98.2%
SAU800996	SAU800996	100%	100%	100%
SAU800996	SEP200218	88%	100%	100%
SAU800996	SHA100262	87%	100%	100%
SAU800996	SMU101412	34%	97.9%	97.6%
SAU800996	SPN402031	35%	97.9%	97.4%
SAU800996	SPY201690	34%	97.9%	97.6%
SAU800996	TPA100625	29%	99.7%	98.2%
SAU800996	UUR100175	46%	98.8%	99.7%
SAU800996	VCH102586	48%	97.6%	89.9%
SAU800996	YPS001667	51%	97.6%	93.6%
SAU801001	BAN107249	31%	78.8%	54.9%
SAU801001	BAN110882	32%	76.6%	47.5%
SAU801001	CAC101275	39%	20.7%	37.6%
SAU801001	EFM100918	36%	33.2%	25.3%
SAU801001	LMO101980	28%	82.1%	55.9%
SAU801001	PPU103349	28%	40.2%	25.4%
SAU801001	SAU801001	100%	100%	100%
SAU801001	SEP200228	78%	96.2%	68.3%
SAU801001	SHA100236	78%	96.7%	68.7%
SAU801002	EFA200888	25%	70.4%	40.6%
SAU801002	SAU801002	100%	100%	100%
SAU801003	ABA103708	32%	35.5%	10.3%
SAU801003	BAN109236	44%	44.6%	88.5%
SAU801003	BAN104719	43%	91.7%	89.5%
SAU801003	BAN108205	52%	97.5%	90.2%
SAU801003	BAN109057	52%	97.5%	90.2%
SAU801003	BPT101594	35%	96.7%	85.8%
SAU801003	BCE115088	33%	96.7%	89.0%
SAU801003	BFU111683	31%	97.5%	87.8%
SAU801003	BMA100121	32%	96.7%	71.2%
SAU801003	CJU100430	22%	95.0%	92.1%
SAU801003	CDP101259	29%	95.0%	92.3%
SAU801003	LPN103152	37%	57.0%	62.9%
SAU801003	MAV105125	38%	95.9%	85.8%
SAU801003	MBV101537	38%	95.9%	90.3%
SAU801003	MLP100775	39%	95.9%	94.5%
SAU801003	MTU202434	38%	95.9%	94.5%
SAU801003	SAU801003	100%	100%	100%
SAU801003	SEP200229	77%	100%	95.3%
SAU801003	SHA100235	81%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801007	ABA101740	34%	55.4%	48.7%
SAU801007	BAN113253	59%	82.9%	99.6%
SAU801007	BAN112667	66%	98.1%	99.2%
SAU801007	BFR100600	33%	63.6%	58.6%
SAU801007	BPT103790	28%	61.7%	53.2%
SAU801007	BBU100310	28%	59.5%	55.6%
SAU801007	BCE114005	27%	86.2%	70.6%
SAU801007	BFU102654	29%	76.6%	62.3%
SAU801007	BMA109400	26%	85.9%	66.4%
SAU801007	CJU100602	33%	62.5%	56.3%
SAU801007	CAC101559	25%	86.6%	79.9%
SAU801007	CBO102717	26%	84.0%	77.9%
SAU801007	CDF103162	28%	95.9%	95.9%
SAU801007	CDP101033	25%	84.0%	70.0%
SAU801007	EBC102479	27%	59.1%	58.6%
SAU801007	EFA200895	45%	98.9%	100%
SAU801007	ECO102562	27%	59.1%	53.8%
SAU801007	HIN100070	29%	71.4%	71.3%
SAU801007	HPY101374	28%	66.2%	57.4%
SAU801007	KPN301269	25%	60.2%	54.8%
SAU801007	LPN101990	33%	56.1%	50.5%
SAU801007	LMO100773	57%	97.8%	99.2%
SAU801007	MCA101910	30%	64.3%	55.9%
SAU801007	MAV102046	27%	84.0%	68.8%
SAU801007	MBV105349	26%	84.0%	72.0%
SAU801007	MLP100841	31%	64.7%	53.7%
SAU801007	MTU201674	26%	84.0%	72.0%
SAU801007	MGE100130	28%	75.5%	73.4%
SAU801007	MPN100566	28%	75.8%	73.7%
SAU801007	NGO100871	27%	81.8%	72.3%
SAU801007	NME200939	26%	81.8%	72.3%
SAU801007	PMU100333	24%	84.0%	73.1%
SAU801007	PRT101147	30%	51.7%	62.0%
SAU801007	PAE203086	31%	54.3%	48.8%
SAU801007	PPU105852	31%	54.3%	48.6%
SAU801007	PSY100717	31%	54.3%	48.6%
SAU801007	SPA101531	26%	57.2%	52.6%
SAU801007	STY102233	26%	57.2%	52.1%
SAU801007	STM102487	26%	57.2%	52.1%
SAU801007	SAU801007	100%	100%	100%
SAU801007	SEP200233	94%	100%	100%
SAU801007	SHA100764	91%	100%	100%
SAU801007	SMU100219	44%	97.8%	94.9%
SAU801007	SPN401005	41%	99.3%	96.4%
SAU801007	SPY200856	45%	97.4%	94.2%
SAU801007	TPA100437	27%	61.0%	51.5%
SAU801007	UUR100177	30%	71.7%	67.0%
SAU801007	VCH100837	30%	57.2%	51.7%
SAU801007	YPS002057	29%	54.6%	49.5%
SAU801008	BAN108299	36%	81.0%	82.3%
SAU801008	BAN112738	39%	88.4%	86.5%
SAU801008	EFA200896	32%	95.1%	94.9%
SAU801008	SAU801008	100%	100%	100%
SAU801008	SEP200234	59%	100%	100%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801008	SHA100765	57%	100%	100%
SAU801008	SMU100212	38%	94.0%	92.9%
SAU801008	SPN401006	39%	95.1%	93.3%
SAU801008	SPY200857	36%	97.9%	96.7%
SAU801011	ABA105845	47%	98.4%	87.5%
SAU801011	BAN111495	45%	98.8%	97.8%
SAU801011	BAN110931	63%	98.4%	98.4%
SAU801011	BFR102480	28%	98.4%	86.1%
SAU801011	BPT101515	45%	98.4%	96.6%
SAU801011	BFU100534	44%	98.4%	95.4%
SAU801011	BMA108591	43%	98.4%	95.4%
SAU801011	CJU101319	47%	97.7%	90.5%
SAU801011	CPN200344	33%	97.7%	94.0%
SAU801011	CTR200374	33%	97.7%	94.3%
SAU801011	EBC101481	43%	97.7%	95.0%
SAU801011	EFA201890	51%	97.7%	98.4%
SAU801011	ECO101259	44%	97.3%	94.7%
SAU801011	HIN101698	42%	97.3%	84.1%
SAU801011	HPY100192	45%	98.4%	90.9%
SAU801011	KPN301049	41%	97.7%	95.0%
SAU801011	LPN103417	46%	98.4%	94.0%
SAU801011	LMO102350	53%	99.2%	98.5%
SAU801011	MCA100281	44%	98.4%	93.8%
SAU801011	MAV103640	32%	96.9%	96.3%
SAU801011	MBV101416	31%	97.7%	97.0%
SAU801011	MLP101099	33%	96.9%	96.3%
SAU801011	MTU201463	31%	97.7%	97.0%
SAU801011	NGO101585	45%	97.3%	95.4%
SAU801011	NME201989	45%	97.3%	95.4%
SAU801011	PMU100182	44%	98.4%	96.5%
SAU801011	PRT101421	45%	97.3%	94.7%
SAU801011	PAE201805	43%	97.7%	95.1%
SAU801011	PSY103929	44%	97.7%	95.5%
SAU801011	SPA104351	34%	97.3%	94.7%
SAU801011	STY103075	43%	97.3%	94.7%
SAU801011	STM101286	43%	97.3%	94.7%
SAU801011	SAU801011	100%	100%	100%
SAU801011	SEP200257	93%	100%	100%
SAU801011	SHA100265	95%	47.3%	100%
SAU801013	BAN109098	39%	96.4%	95.0%
SAU801013	BAN104092	44%	96.2%	93.2%
SAU801013	BAN113298	47%	99.0%	92.3%
SAU801013	BAN101687	54%	98.2%	94.4%
SAU801013	CDF100154	51%	60.1%	88.7%
SAU801013	CDF102305	42%	97.6%	93.8%
SAU801013	CDP100704	47%	97.6%	95.2%
SAU801013	EBC101736	53%	96.4%	89.6%
SAU801013	MCA103444	48%	96.8%	94.0%
SAU801013	SAU801013	100%	100%	100%
SAU801013	VCH100771	48%	98.4%	92.1%
SAU801018	ABA100927	31%	93.9%	93.4%
SAU801018	BAN102528	33%	80.4%	94.4%
SAU801018	BAN109007	36%	92.1%	95.2%
SAU801018	BAN108968	33%	91.9%	94.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801018	BAN109347	42%	92.1%	92.5%
SAU801018	BFR11372	30%	94.5%	96.1%
SAU801018	BBU100200	29%	90.9%	90.6%
SAU801018	BCE108649	32%	72.7%	91.6%
SAU801018	BFU100823	33%	88.9%	88.4%
SAU801018	BMA100072	33%	88.9%	88.3%
SAU801018	CJU101547	31%	87.7%	92.0%
SAU801018	CPN200331	32%	93.9%	95.4%
SAU801018	CTR200533	31%	91.3%	92.4%
SAU801018	CAC101131	32%	96.4%	98.1%
SAU801018	CAC103376	33%	94.1%	95.6%
SAU801018	CBO100064	35%	94.5%	96.1%
SAU801018	CDF102952	30%	96.4%	97.7%
SAU801018	CDP101281	34%	78.7%	80.9%
SAU801018	EBC102573	29%	92.3%	93.9%
SAU801018	EFA201208	27%	94.5%	92.5%
SAU801018	EFM201835	28%	91.3%	90.2%
SAU801018	ECO100085	30%	91.3%	92.9%
SAU801018	HIN101107	31%	93.1%	95.9%
SAU801018	HPY101473	32%	74.9%	81.7%
SAU801018	KPN301847	29%	92.3%	93.9%
SAU801018	LPN100418	32%	28.5%	87.0%
SAU801018	LMO101113	34%	94.5%	95.3%
SAU801018	MCA100819	32%	72.9%	69.7%
SAU801018	MAV104018	29%	94.5%	90.8%
SAU801018	MBV100072	27%	79.8%	91.1%
SAU801018	MLP100564	30%	89.3%	84.7%
SAU801018	MTU202124	29%	93.9%	87.7%
SAU801018	NGO100606	33%	90.5%	91.5%
SAU801018	NME201913	33%	90.5%	91.5%
SAU801018	PMU100137	32%	92.1%	94.7%
SAU801018	PRT102626	32%	89.7%	91.5%
SAU801018	PAE204415	33%	91.7%	93.2%
SAU801018	PPU105954	33%	91.1%	92.7%
SAU801018	PSY107311	33%	90.1%	91.8%
SAU801018	SPA102754	28%	91.3%	93.3%
SAU801018	STY103171	30%	91.3%	93.1%
SAU801018	STM102863	29%	91.3%	93.1%
SAU801018	SAU801018	100%	100%	100%
SAU801018	SEP200270	87%	99.8%	99.8%
SAU801018	SHA101090	85%	99.4%	99.4%
SAU801018	SMU100386	28%	89.5%	88.6%
SAU801018	SPN401383	29%	89.9%	89.4%
SAU801018	SPY200283	28%	91.5%	90.9%
SAU801018	TPA100923	28%	91.9%	92.0%
SAU801018	VCH102371	31%	89.7%	87.5%
SAU801018	YPS000993	30%	92.3%	94.9%
SAU801019	SAU801019	100%	100%	100%
SAU801019	SEP202484	36%	85.5%	86.4%
SAU801019	SHA101091	48%	75.9%	76.2%
SAU801020	SAU801020	100%	100%	100%
SAU801021	ABA103073	39%	99.5%	76.8%
SAU801021	BFR10621	39%	99.3%	81.9%
SAU801021	BPT101443	43%	99.8%	75.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801021	BFU103306	44%	88.4%	67.4%
SAU801021	CAC101793	44%	96.5%	75.1%
SAU801021	CBO102015	46%	96.5%	75.0%
SAU801021	CDP100203	34%	100%	77.0%
SAU801021	EBC103571	40%	98.8%	76.7%
SAU801021	EFA201098	59%	100%	77.7%
SAU801021	EFM201941	57%	100%	80.8%
SAU801021	ECO104261	41%	99.3%	76.7%
SAU801021	HIN101699	41%	99.3%	77.0%
SAU801021	KPN302173	43%	88.4%	66.4%
SAU801021	LPN103093	43%	98.8%	82.8%
SAU801021	LMO102853	62%	100%	77.6%
SAU801021	MCA101980	42%	88.9%	68.6%
SAU801021	NGO100799	41%	98.5%	75.7%
SAU801021	NME200772	42%	98.5%	75.7%
SAU801021	PMU100816	40%	99.3%	76.7%
SAU801021	PRT100771	41%	99.3%	76.7%
SAU801021	PAE203900	45%	88.6%	68.3%
SAU801021	PPU101429	41%	98.8%	66.8%
SAU801021	PSY106730	40%	98.8%	76.5%
SAU801021	SPA102185	39%	98.8%	77.5%
SAU801021	STY104563	40%	98.8%	76.4%
SAU801021	STM100343	40%	98.8%	76.4%
SAU801021	SAU801021	100%	100%	100%
SAU801021	SEP200272	92%	100%	77.9%
SAU801021	SHA102902	93%	100%	87.9%
SAU801021	SMU100745	56%	99.0%	77.5%
SAU801021	SPN400396	57%	99.0%	76.8%
SAU801021	SPY201085	59%	99.0%	76.8%
SAU801021	VCH100647	42%	98.8%	76.1%
SAU801021	YPS000093	46%	88.4%	68.1%
SAU801025	CDF100072	21%	21.0%	92.2%
SAU801025	CDF102294	22%	49.6%	42.0%
SAU801025	CDF101487	22%	56.5%	64.9%
SAU801025	CDF103240	22%	54.8%	48.4%
SAU801025	SAU801025	100%	100%	100%
SAU801025	SEP200278	69%	99.2%	96.9%
SAU801025	SHA101420	64%	99.2%	99.0%
SAU801038	BAN107236	35%	75.5%	92.4%
SAU801038	BAN102502	36%	90.6%	92.0%
SAU801038	BCE100353	24%	79.0%	75.1%
SAU801038	BFU107408	25%	79.6%	70.2%
SAU801038	BMA101385	24%	77.4%	63.3%
SAU801038	EBC103345	37%	87.8%	89.3%
SAU801038	ECO104179	36%	87.8%	88.7%
SAU801038	KPN304212	25%	44.5%	48.0%
SAU801038	PMU100131	37%	89.0%	91.6%
SAU801038	PSY102144	35%	85.0%	87.5%
SAU801038	STY103490	25%	40.8%	43.9%
SAU801038	STM103176	25%	40.8%	43.9%
SAU801038	SAU802177	48%	96.9%	96.6%
SAU801038	SAU801038	100%	100%	100%
SAU801038	SEP202004	45%	96.9%	95.5%
SAU801038	SHA100119	56%	49.5%	93.7%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801038	SPN200521	31%	54.5%	91.7%
SAU801038	VCH100200	29%	47.3%	47.6%
SAU801060	ABA101560	50%	96.7%	99.7%
SAU801060	BAN108287	46%	94.9%	97.8%
SAU801060	BAN107549	60%	96.5%	99.1%
SAU801060	BFR102649	21%	21.9%	79.6%
SAU801060	BPT102772	50%	92.9%	96.1%
SAU801060	BCE104897	49%	98.5%	97.2%
SAU801060	BFU101932	49%	95.3%	94.9%
SAU801060	BMA105777	48%	98.8%	100%
SAU801060	BMA107179	48%	98.8%	97.5%
SAU801060	CDP102039	43%	77.6%	89.7%
SAU801060	EBC103074	47%	65.0%	96.4%
SAU801060	ECO100423	50%	93.2%	93.4%
SAU801060	HPY100141	22%	36.0%	51.6%
SAU801060	KPN303419	50%	93.2%	93.4%
SAU801060	LPN100442	46%	32.0%	94.6%
SAU801060	LMO102701	66%	96.7%	96.8%
SAU801060	MCA101093	19%	62.8%	91.3%
SAU801060	MAV101361	45%	75.2%	91.2%
SAU801060	MBV105923	45%	76.3%	87.6%
SAU801060	MLP101062	45%	76.3%	87.5%
SAU801060	MTU203003	45%	76.3%	87.6%
SAU801060	NGO100639	17%	45.3%	60.6%
SAU801060	NME201828	17%	45.3%	60.1%
SAU801060	PRT104154	47%	96.5%	97.7%
SAU801060	PAE201317	48%	95.3%	95.9%
SAU801060	PPU109665	48%	96.5%	95.1%
SAU801060	PSY104253	49%	95.2%	94.0%
SAU801060	SPA102307	48%	95.5%	96.8%
SAU801060	STY100720	50%	95.2%	95.0%
SAU801060	SAU801060	100%	100%	100%
SAU801060	SEP200351	93%	100%	100%
SAU801060	SHA100553	90%	97.3%	99.4%
SAU801060	VCH101421	17%	48.8%	67.1%
SAU801060	YPS001899	50%	95.2%	95.0%
SAU801061	ABA103655	36%	63.4%	71.1%
SAU801061	BAN111570	37%	59.3%	85.5%
SAU801061	BAN110867	40%	73.5%	94.2%
SAU801061	BPT102774	35%	59.8%	73.7%
SAU801061	BCE104834	33%	63.9%	89.7%
SAU801061	BFU101934	37%	64.8%	85.7%
SAU801061	BMA109512	35%	64.5%	83.6%
SAU801061	BMA107732	35%	66.1%	83.4%
SAU801061	CDP100360	21%	53.8%	72.9%
SAU801061	EBC101217	36%	68.0%	81.0%
SAU801061	ECO100424	35%	68.0%	81.0%
SAU801061	KPN303418	38%	25.7%	64.7%
SAU801061	LMO100640	49%	99.2%	99.7%
SAU801061	MAV102952	22%	24.3%	28.3%
SAU801061	MBV100595	20%	61.2%	89.6%
SAU801061	MLP100533	22%	61.7%	84.1%
SAU801061	MTU202166	20%	62.0%	82.1%
SAU801061	PRT103954	37%	68.3%	82.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801061	PAE201316	36%	63.7%	71.6%
SAU801061	PPU101498	38%	66.4%	78.9%
SAU801061	PSY104255	35%	67.8%	80.5%
SAU801061	SPA102308	34%	47.8%	55.8%
SAU801061	STY100721	36%	68.3%	80.2%
SAU801061	SAU801061	100%	100%	100%
SAU801061	SEP200354	81%	100%	100%
SAU801061	SHA100551	77%	80.1%	100%
SAU801061	YPS001897	38%	69.4%	82.1%
SAU801081	BAN101424	35%	96.7%	98.0%
SAU801081	BAN110238	46%	96.7%	95.2%
SAU801081	BFR11654	28%	98.2%	98.5%
SAU801081	BBU100789	26%	42.1%	32.5%
SAU801081	BCE105292	26%	99.5%	94.6%
SAU801081	BFU105347	25%	99.5%	98.0%
SAU801081	BMA105381	28%	58.5%	95.8%
SAU801081	CPN200218	30%	34.6%	49.5%
SAU801081	CTR200674	30%	33.6%	48%
SAU801081	CDF102444	29%	29.0%	39.3%
SAU801081	EBC100814	28%	96.7%	97.2%
SAU801081	EFA200628	42%	98.2%	97.7%
SAU801081	EFM201297	41%	98.7%	98.5%
SAU801081	ECO100942	29%	89.2%	96.2%
SAU801081	KPN301376	27%	96.7%	95.8%
SAU801081	LPN102414	26%	31.3%	83.6%
SAU801081	LPN102136	24%	74.4%	82.4%
SAU801081	LMO102509	43%	96.2%	95.4%
SAU801081	NGO101096	39%	51.8%	65.1%
SAU801081	NME201438	35%	62.8%	80.6%
SAU801081	PAE200353	24%	83.1%	81.4%
SAU801081	PPU102183	26%	82.6%	80.9%
SAU801081	PSY102744	27%	82.6%	80.9%
SAU801081	SPA103978	27%	96.7%	97.5%
SAU801081	STY103612	27%	96.7%	95.0%
SAU801081	SAU801081	100%	100%	100%
SAU801081	SEP200778	77%	100%	100%
SAU801081	SHA101353	77%	100%	100%
SAU801081	SMU100080	41%	96.9%	87.6%
SAU801081	SPN401235	43%	98.2%	97.4%
SAU801081	SPY200600	43%	97.2%	97.2%
SAU801081	VCH101334	28%	96.7%	91.9%
SAU801081	YPS002174	28%	96.7%	96.7%
SAU801083	ABA104415	34%	79.5%	78.7%
SAU801083	BAN108284	60%	92.0%	93.1%
SAU801083	BAN113302	61%	92.0%	93.1%
SAU801083	BPT101967	38%	95.5%	71.2%
SAU801083	BBU100556	29%	92.0%	94.2%
SAU801083	BCE109463	39%	93.2%	92.1%
SAU801083	BFU102715	35%	93.2%	92.1%
SAU801083	BMA101428	36%	93.2%	92.1%
SAU801083	CPN200726	31%	90.9%	74.1%
SAU801083	CTR200606	32%	87.5%	74.0%
SAU801083	CAC100614	51%	87.5%	89.5%
SAU801083	CBO101012	48%	93.2%	93.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801083	CDF100787	40%	84.1%	86.0%
SAU801083	CDP100378	27%	95.5%	95.5%
SAU801083	EFA201087	64%	100%	100%
SAU801083	EFM100206	63%	100%	100%
SAU801083	KPN300336	41%	87.5%	30.7%
SAU801083	LPN103186	41%	85.2%	84.3%
SAU801083	LMO101585	71%	100%	100%
SAU801083	MGE100041	47%	94.3%	95.5%
SAU801083	MPN100101	44%	94.3%	95.5%
SAU801083	NGO102690	41%	93.2%	92.1%
SAU801083	NME200365	40%	93.2%	92.1%
SAU801083	PMU100898	38%	77.3%	80%
SAU801083	PRT102262	34%	94.3%	97.6%
SAU801083	PPU103902	32%	93.2%	92.2%
SAU801083	PSY104754	31%	95.5%	94.4%
SAU801083	SPA100416	41%	87.5%	27.6%
SAU801083	STM101235	32%	94.3%	97.6%
SAU801083	SAU801083	100%	100%	100%
SAU801083	SEP200782	92%	100%	100%
SAU801083	SHA101355	96%	100%	100%
SAU801083	SMU103189	66%	97.7%	98.9%
SAU801083	SPN401063	67%	97.7%	98.9%
SAU801083	SPY201055	66%	97.7%	98.9%
SAU801083	TPA100582	45%	79.5%	79.5%
SAU801083	UUR100594	30%	97.7%	98.9%
SAU801084	ABA102248	39%	97.9%	57.4%
SAU801084	BAN113590	50%	99.5%	100%
SAU801084	BAN102128	65%	99.5%	99.8%
SAU801084	BFR102843	28%	66.3%	49.5%
SAU801084	BPT101969	40%	89.3%	84.4%
SAU801084	BBU100557	38%	99.1%	99.3%
SAU801084	BCE105897	38%	94.2%	91.0%
SAU801084	BFU102716	37%	94.2%	91.2%
SAU801084	BMA107198	38%	94.2%	91.9%
SAU801084	CPN200725	29%	98.6%	96.5%
SAU801084	CTR200605	27%	98.8%	96.5%
SAU801084	CAC102388	55%	93.4%	98.9%
SAU801084	CBO103848	54%	93.4%	98.9%
SAU801084	CDF100789	56%	97.6%	97.7%
SAU801084	CDP100363	31%	96.7%	95.6%
SAU801084	EBC101637	50%	99.5%	100%
SAU801084	EFA201084	63%	100%	100%
SAU801084	EFM201634	70%	44.2%	99.2%
SAU801084	ECO102367	50%	99.5%	99.1%
SAU801084	HIN101677	50%	99.3%	99.0%
SAU801084	HPY100119	27%	69.6%	51.1%
SAU801084	KPN300705	50%	99.5%	99.1%
SAU801084	LPN100853	34%	93.0%	69.5%
SAU801084	LMO101249	69%	99.7%	99.5%
SAU801084	MCA100687	29%	70.1%	52.5%
SAU801084	MAV102627	27%	12.8%	14.1%
SAU801084	MAV101273	33%	12.9%	13.8%
SAU801084	MAV100488	35%	12.9%	13.4%
SAU801084	MBV104403	35%	12.9%	14.7%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801084	MLP100590	37%	12.9%	12.0%
SAU801084	MTU201112	35%	12.9%	14.7%
SAU801084	MGE100439	45%	99.7%	98.8%
SAU801084	MPN100215	45%	99.7%	98.8%
SAU801084	NGO101819	35%	99.1%	97.0%
SAU801084	NME200366	35%	99.1%	97.0%
SAU801084	PMU100897	49%	99.3%	99.0%
SAU801084	PRT102260	50%	99.5%	99.1%
SAU801084	PAE203560	38%	99.3%	57.9%
SAU801084	PPU109910	38%	99.0%	58%
SAU801084	PSY105138	40%	98.6%	57.6%
SAU801084	SPA101201	42%	99.5%	99.1%
SAU801084	STY104022	31%	97.7%	74.5%
SAU801084	STM101237	50%	99.5%	99.1%
SAU801084	SAU801084	100%	100%	100%
SAU801084	SEP200784	88%	100%	100%
SAU801084	SHA101356	86%	93.5%	100%
SAU801084	SMU100862	63%	99.8%	99.5%
SAU801084	SPN401062	61%	99.8%	99.5%
SAU801084	SPY201054	61%	99.8%	99.5%
SAU801084	TPA100738	24%	62.4%	48.5%
SAU801084	VCH100949	50%	99.3%	99.3%
SAU801084	YPS000626	51%	99.5%	99.1%
SAU801089	BAN110506	68%	97.5%	100%
SAU801089	BAN101466	68%	98.4%	100%
SAU801089	CJU101614	40%	97.5%	84.3%
SAU801089	CAC102576	47%	97.3%	99.1%
SAU801089	CBO101502	46%	97.3%	99.3%
SAU801089	CBO103283	48%	98.4%	97.7%
SAU801089	CDF101226	50%	93.8%	99.4%
SAU801089	CDP100435	37%	97.0%	79.7%
SAU801089	EFA200195	63%	97.0%	97.5%
SAU801089	EFM202397	67%	69.2%	98.5%
SAU801089	HPY101409	41%	95.9%	78.8%
SAU801089	LMO101604	66%	98.4%	100%
SAU801089	MAV101957	35%	96.6%	94.6%
SAU801089	MBV104272	34%	96.6%	97.0%
SAU801089	MLP100931	35%	96.6%	97.0%
SAU801089	MTU202715	34%	96.6%	97.0%
SAU801089	MGE100141	38%	96.1%	96.5%
SAU801089	MPN100555	38%	96.1%	96.5%
SAU801089	SAU801089	100%	100%	100%
SAU801089	SEP200794	95%	99.1%	100%
SAU801089	SHA100488	92%	98.4%	100%
SAU801089	SMU100700	61%	97.5%	98.2%
SAU801089	SPN400125	62%	98.4%	91.0%
SAU801089	SPY201445	61%	97.5%	98.2%
SAU801089	TPA100485	40%	12.0%	20.2%
SAU801089	UUR100577	38%	98.1%	93.8%
SAU801089	VCH100261	25%	18.4%	21.1%
SAU801093	BAN105734	63%	97.0%	97.6%
SAU801093	BAN110170	74%	97.8%	97.6%
SAU801093	BPT101610	30%	78.1%	91.3%
SAU801093	BCE113547	33%	91.1%	85.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801093	BMA102663	34%	91.6%	86.1%
SAU801093	CPN200448	27%	81.6%	90.6%
SAU801093	CBO103958	32%	85.1%	98.8%
SAU801093	CDF100257	31%	83.8%	98.8%
SAU801093	EFA202418	67%	99.2%	98.9%
SAU801093	EFM201282	53%	19.7%	100%
SAU801093	KPN103829	37%	43.8%	83.4%
SAU801093	LPN103433	41%	95.1%	98.9%
SAU801093	LMO101849	75%	98.6%	98.4%
SAU801093	MAV103610	41%	92.2%	97.5%
SAU801093	MBV101185	40%	91.9%	95.2%
SAU801093	MTU202460	40%	91.9%	92.6%
SAU801093	MGE100280	35%	92.7%	95.5%
SAU801093	MPN100445	35%	91.1%	93.9%
SAU801093	PAE203415	37%	92.7%	94.2%
SAU801093	PPU111106	33%	91.6%	86.1%
SAU801093	SAU801093	100%	100%	100%
SAU801093	SEP200800	94%	100%	100%
SAU801093	SHA100009	93%	75.4%	100%
SAU801093	SMU100295	30%	92.7%	98.6%
SAU801093	SPY200775	28%	83.8%	99.1%
SAU801094	BAN108921	64%	98.5%	100%
SAU801094	BAN101772	74%	100%	100%
SAU801094	BPT101608	41%	98.8%	99.1%
SAU801094	BCE101800	45%	98.8%	96.2%
SAU801094	BMA104981	43%	98.8%	96.0%
SAU801094	CAC102552	23%	70.2%	35.4%
SAU801094	EBC103034	28%	86.8%	85.5%
SAU801094	EFA202409	74%	100%	100%
SAU801094	EFM200042	73%	100%	100%
SAU801094	HIN101408	22%	72.3%	35.8%
SAU801094	KPN303566	27%	71.4%	67.9%
SAU801094	LPN101708	45%	95.7%	96.0%
SAU801094	LMO100303	76%	100%	100%
SAU801094	MCA101840	24%	72.6%	32.9%
SAU801094	MAV103599	46%	98.8%	91.5%
SAU801094	MBV101184	45%	98.5%	92.0%
SAU801094	MTU202459	45%	98.5%	92.0%
SAU801094	MGE100279	39%	99.1%	98.8%
SAU801094	MPN100446	39%	99.1%	98.5%
SAU801094	NGO101578	28%	76.3%	36.3%
SAU801094	NME200546	28%	76.3%	36.3%
SAU801094	PMU100532	25%	68.9%	34.0%
SAU801094	PAE203414	40%	99.4%	97.0%
SAU801094	PPU100927	43%	98.8%	94.6%
SAU801094	SAU801094	100%	100%	100%
SAU801094	SEP200802	91%	100%	100%
SAU801094	SHA100436	90%	99.1%	100%
SAU801095	BAN101075	58%	98.4%	100%
SAU801095	BAN101226	68%	99.8%	99.8%
SAU801095	BCE111259	36%	98.6%	98.6%
SAU801095	BMA108930	37%	29.5%	2.9%
SAU801095	CBO101635	33%	98.1%	98.2%
SAU801095	EFA202405	61%	25.8%	1.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801095	EFM201990	61%	26.7%	2.0%
SAU801095	HIN101204	33%	47.2%	20.3%
SAU801095	KPN301446	34%	77.4%	39.2%
SAU801095	LMO102367	65%	26.0%	1.5%
SAU801095	MAV103601	31%	98.8%	97.7%
SAU801095	MLP100521	34%	24.0%	2.8%
SAU801095	MTU403766	44%	20.7%	98.9%
SAU801095	MTU405732	33%	98.4%	96.7%
SAU801095	MPN100447	30%	97.9%	99.0%
SAU801095	PAE202247	36%	98.6%	98.6%
SAU801095	PPU100765	35%	98.6%	98.6%
SAU801095	PSY103646	35%	44.7%	9.5%
SAU801095	SAU801095	100%	100%	100%
SAU801095	SEP200804	86%	100%	100%
SAU801095	SHA100437	87%	77.7%	100%
SAU801095	SMU101479	35%	99.5%	100%
SAU801095	SPN401049	33%	72.6%	93.1%
SAU801095	SPY200777	33%	99.3%	100%
SAU801096	ABA101766	41%	97.9%	97.9%
SAU801096	BAN101609	50%	99.6%	99.4%
SAU801096	BAN103383	70%	99.6%	99.4%
SAU801096	BFR10034	34%	95.1%	98.4%
SAU801096	BFR11786	37%	94.9%	98.7%
SAU801096	BPT100905	42%	98.1%	77.5%
SAU801096	BCE110691	44%	97.2%	78.5%
SAU801096	BFU101154	43%	95.9%	94.9%
SAU801096	BMA108899	44%	95.9%	97.3%
SAU801096	CPN201018	38%	97.9%	98.3%
SAU801096	CTR200835	38%	97.4%	97.6%
SAU801096	CBO103777	42%	95.3%	96.3%
SAU801096	CBO103904	41%	95.1%	96.5%
SAU801096	CDF102926	39%	97.4%	97.6%
SAU801096	CDP100695	38%	97.4%	98.7%
SAU801096	EBC102751	44%	96.4%	95.6%
SAU801096	EFA202404	64%	99.6%	99.8%
SAU801096	EFM201020	62%	99.6%	99.8%
SAU801096	ECO100116	44%	96.4%	95.6%
SAU801096	HIN101203	44%	96.4%	94.8%
SAU801096	KPN301447	43%	96.4%	95.4%
SAU801096	LPN100879	41%	96.4%	95.6%
SAU801096	LMO101821	71%	99.6%	99.8%
SAU801096	MCA101643	41%	97.9%	97.7%
SAU801096	MAV101768	37%	97.4%	98.7%
SAU801096	MBV103409	36%	97.4%	98.9%
SAU801096	MLP101416	36%	97.4%	98.9%
SAU801096	MTU200460	36%	97.4%	98.9%
SAU801096	MGE100277	37%	97.0%	98.9%
SAU801096	MPN100448	39%	96.4%	98.2%
SAU801096	NGO100074	43%	97.0%	78.6%
SAU801096	NME201415	43%	98.1%	79.5%
SAU801096	PMU100893	43%	96.4%	95.6%
SAU801096	PRT102281	43%	96.4%	95.4%
SAU801096	PAE202248	42%	98.1%	98.9%
SAU801096	PPU100764	40%	98.1%	98.5%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801096	PSY104859	40%	97.4%	97.5%
SAU801096	SPA100336	42%	83.1%	98.7%
SAU801096	STY103295	44%	96.4%	95.4%
SAU801096	STM103004	44%	96.4%	95.6%
SAU801096	SAU801096	100%	100%	100%
SAU801096	SEP200806	95%	100%	100%
SAU801096	SHA100679	93%	99.6%	100%
SAU801096	SMU100298	37%	96.4%	98.9%
SAU801096	SPN401048	37%	97.6%	79.5%
SAU801096	VCH102377	43%	96.4%	95.4%
SAU801096	YPS000861	44%	96.4%	95.4%
SAU801105	BAN103936	31%	94.4%	94.9%
SAU801105	BAN110850	38%	97.1%	99.3%
SAU801105	BFR103178	29%	92.9%	98.1%
SAU801105	BCE109436	41%	94.7%	95.4%
SAU801105	BFU115276	45%	92%	95.5%
SAU801105	BMA104207	41%	94.7%	95.7%
SAU801105	CAC103270	30%	91.8%	95.4%
SAU801105	EBC101317	36%	92.7%	97.3%
SAU801105	EFA201537	49%	94.7%	83.3%
SAU801105	EFA202292	57%	96.9%	96.0%
SAU801105	EFM202118	52%	61.1%	98.6%
SAU801105	ECO102349	35%	93.1%	96.4%
SAU801105	KPN301759	37%	92.7%	95.6%
SAU801105	LPN101696	26%	34.7%	40.5%
SAU801105	LMO100400	53%	96.9%	95.5%
SAU801105	MCA102057	22%	39.6%	42.3%
SAU801105	MCA103694	20%	56%	58.3%
SAU801105	MAV105572	34%	90%	94.9%
SAU801105	MBV103100	33%	39.6%	97.0%
SAU801105	MLP101268	32%	90.7%	91.5%
SAU801105	MTU200915	33%	93.6%	93.9%
SAU801105	NGO101522	20%	71.8%	73.4%
SAU801105	NME201499	21%	71.8%	73.4%
SAU801105	PMU100681	29%	26.7%	26.8%
SAU801105	PAE204332	46%	92.2%	97.4%
SAU801105	PSY105402	44%	94%	94.5%
SAU801105	SPA103529	36%	92.2%	95.4%
SAU801105	STY101143	35%	92.2%	95.4%
SAU801105	SAU801105	100%	100%	100%
SAU801105	SEP200820	84%	99.6%	100%
SAU801105	SHA100053	78%	69.6%	100%
SAU801105	SMU100063	53%	96%	97.8%
SAU801105	SPN400157	20%	84.2%	88.8%
SAU801105	SPY102082	52%	38.7%	100%
SAU801105	YPS000584	36%	90.9%	94.9%
SAU801109	ABA101290	53%	97.1%	98.7%
SAU801109	BAN108593	70%	99.2%	100%
SAU801109	BAN110377	74%	98.7%	99.3%
SAU801109	BFR12436	48%	97.6%	99.7%
SAU801109	BPT100252	55%	97.2%	96.1%
SAU801109	BCE107416	53%	97.2%	98.5%
SAU801109	BFU101165	52%	97.4%	85.6%
SAU801109	BMA100582	54%	97.2%	98.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801109	CJU100039	54%	97.6%	99.3%
SAU801109	CAC100624	55%	97.7%	99.2%
SAU801109	CBO103040	55%	98.2%	99.2%
SAU801109	CDF100332	48%	97.2%	98.2%
SAU801109	CDP100988	46%	98.2%	99.1%
SAU801109	EBC103136	53%	98.2%	99.5%
SAU801109	EFA200305	72%	98.4%	99.2%
SAU801109	EFM200826	74%	86.7%	100%
SAU801109	ECO103777	54%	95.6%	99.5%
SAU801109	HIN100844	53%	96.7%	96.8%
SAU801109	HPY100476	53%	97.6%	99.8%
SAU801109	KPN301352	54%	98.2%	99.5%
SAU801109	LPN100213	53%	97.6%	98.7%
SAU801109	LMO100625	72%	98.5%	99.3%
SAU801109	MCA100597	52%	98.5%	99.7%
SAU801109	MAV106479	44%	97.6%	99.0%
SAU801109	MBV101431	45%	97.6%	99.0%
SAU801109	MLP100924	44%	97.6%	99.0%
SAU801109	MTU201150	45%	97.6%	99.0%
SAU801109	NGO100315	54%	97.9%	99.7%
SAU801109	NME201257	54%	97.9%	99.7%
SAU801109	PMU101173	53%	98.4%	98.7%
SAU801109	PRT102826	54%	97.1%	96.3%
SAU801109	PAE205112	54%	97.1%	98.7%
SAU801109	PPU101976	53%	98.0%	99.5%
SAU801109	PSY103102	52%	97.7%	99.2%
SAU801109	SPA102685	48%	70.7%	98.6%
SAU801109	STY103413	53%	98.2%	99.5%
SAU801109	STM101499	53%	98.2%	99.5%
SAU801109	SAU801109	100%	100%	100%
SAU801109	SEP200827	92%	100%	100%
SAU801109	SHA100537	93%	99.7%	99.8%
SAU801109	SMU100076	74%	98.9%	99.3%
SAU801109	SPN400598	73%	98.9%	98.4%
SAU801109	SPY201176	73%	98.9%	99.5%
SAU801109	VCH102705	54%	98.7%	99.7%
SAU801109	YPS001324	54%	97.6%	98.8%
SAU801113	ABA103723	30%	86.6%	81.2%
SAU801113	BAN104342	37%	97.6%	93.4%
SAU801113	BAN103666	38%	99.5%	91.4%
SAU801113	BFR100762	27%	80.2%	71.9%
SAU801113	BPT103003	31%	95.2%	87.9%
SAU801113	BCE103498	32%	95.2%	92.6%
SAU801113	BFU100816	32%	95.2%	81.9%
SAU801113	BMA109411	32%	95.2%	81.2%
SAU801113	CJU100966	30%	90.3%	91.7%
SAU801113	CTR200136	29%	85.5%	76.2%
SAU801113	CAC100555	33%	94.4%	91.4%
SAU801113	CBO100202	34%	94.4%	91.1%
SAU801113	CDF103581	34%	89.0%	85.9%
SAU801113	EBC102569	31%	85.8%	76.8%
SAU801113	EFA200310	34%	91.7%	86.6%
SAU801113	EFM200911	35%	90.9%	87.6%
SAU801113	ECO100089	31%	89.3%	78.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801113	HIN101111	36%	86.6%	80.2%
SAU801113	HPY101537	28%	88.5%	89.7%
SAU801113	KPN301852	31%	85.8%	75%
SAU801113	LPN100221	36%	76.4%	94.0%
SAU801113	LMO101232	37%	92.8%	86.2%
SAU801113	MCA103455	30%	95.4%	90.8%
SAU801113	MAV103648	30%	91.2%	54.4%
SAU801113	MBV100525	30%	85.8%	63.8%
SAU801113	MLP100568	31%	91.2%	62.2%
SAU801113	MTU202120	30%	85.8%	59.5%
SAU801113	NGO100588	31%	98.4%	91.0%
SAU801113	NME201907	31%	98.4%	88.5%
SAU801113	PMU100141	32%	86.6%	80.3%
SAU801113	PRT102637	34%	79.4%	73.6%
SAU801113	PAE204411	32%	86.6%	79.7%
SAU801113	PPU112591	33%	86.6%	78.7%
SAU801113	PSY103847	33%	76.7%	70.3%
SAU801113	STY103175	31%	89.0%	78.5%
SAU801113	STM102887	31%	89.0%	78.5%
SAU801113	SAU801113	100%	100%	100%
SAU801113	SEP200834	76%	100%	91.4%
SAU801113	SHA101706	67%	99.2%	98.7%
SAU801113	SMU101535	33%	90.6%	83.3%
SAU801113	SPN400973	32%	89.3%	84.6%
SAU801113	SPY200440	32%	89.5%	81.6%
SAU801113	TPA100383	28%	91.2%	86.2%
SAU801113	VCH102367	30%	98.4%	90.7%
SAU801113	YPS001012	32%	86.3%	78.8%
SAU801114	BAN108934	45%	91.4%	93.8%
SAU801114	BAN112613	63%	99.7%	99.7%
SAU801114	CAC103250	54%	99.7%	99.9%
SAU801114	CBO103581	54%	99.7%	100%
SAU801114	CDF100269	54%	99.4%	99.7%
SAU801114	CDP100823	45%	99.4%	98.7%
SAU801114	EFA200317	58%	99.5%	99.9%
SAU801114	EFM202099	59%	99.3%	99.7%
SAU801114	LMO100679	61%	99.7%	99.9%
SAU801114	MAV103158	45%	99.4%	99.9%
SAU801114	MBV103377	45%	99.1%	99.6%
SAU801114	MTU202929	45%	99.1%	99.6%
SAU801114	PSY103300	37%	53.4%	99.2%
SAU801114	SAU801114	100%	100%	100%
SAU801114	SEP200837	89%	53.1%	100%
SAU801114	SHA101707	87%	53.1%	100%
SAU801114	TPA100055	32%	53.3%	99.2%
SAU801131	BAN104171	29%	58.6%	92.8%
SAU801131	BAN109296	27%	75.8%	17.5%
SAU801131	BAN111612	29%	48.0%	34.6%
SAU801131	BAN104612	32%	80.6%	73.4%
SAU801131	LMO101229	33%	89.4%	90.8%
SAU801131	MPN100554	21%	59.9%	34.2%
SAU801131	SPA106331	44%	15.9%	58.5%
SAU801131	SAU801131	100%	100%	100%
SAU801132	BAN101870	26%	67.3%	52.4%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801132	BCE107002	21%	31.8%	77.4%
SAU801132	BMA100184	22%	30.4%	49.3%
SAU801132	CDF100362	23%	41.3%	40.5%
SAU801132	EBC105295	32%	16.5%	41.3%
SAU801132	SAU801132	100%	100%	100%
SAU801134	BAN105614	34%	96.7%	83.4%
SAU801134	BAN106021	40%	98.9%	84.7%
SAU801134	LMO101340	45%	97.1%	82.4%
SAU801134	MBV103792	35%	36.3%	20.3%
SAU801134	MTU203401	35%	36.3%	20.3%
SAU801134	SAU801134	100%	100%	100%
SAU801134	SPY201382	44%	97.1%	80%
SAU801135	BAN105520	35%	98.0%	98.4%
SAU801135	BAN110918	42%	87.7%	98.2%
SAU801135	BFR104438	27%	35.2%	17.3%
SAU801135	BBU100793	27%	32.8%	5.8%
SAU801135	CDF102404	29%	35.2%	96.6%
SAU801135	CDF100360	31%	97.5%	99.1%
SAU801135	LMO100254	34%	98.8%	99.2%
SAU801135	PRT104101	25%	42.6%	41.5%
SAU801135	SAU801135	100%	100%	100%
SAU801135	SPY200094	33%	74.2%	76.4%
SAU801138	ABA102496	48%	96.0%	99.4%
SAU801138	BAN107250	37%	96.0%	100%
SAU801138	BAN102079	67%	96.0%	98.3%
SAU801138	BFR10569	47%	92.6%	95.0%
SAU801138	BPT100287	42%	95.7%	98.2%
SAU801138	BBU100512	28%	85.5%	62.1%
SAU801138	BCE106124	42%	97.4%	96.0%
SAU801138	BFU115595	45%	92.0%	95.3%
SAU801138	BMA107718	43%	95.7%	99.1%
SAU801138	CJU100828	42%	94.6%	99.7%
SAU801138	CPN200846	40%	97.4%	99.7%
SAU801138	CTR200219	42%	97.4%	99.7%
SAU801138	CAC101335	51%	96.6%	99.7%
SAU801138	CBO103589	50%	96.6%	99.7%
SAU801138	CDF100403	40%	47.2%	99.4%
SAU801138	CDF100483	63%	37.5%	99.2%
SAU801138	CDF100608	51%	96.6%	98.8%
SAU801138	CDP100986	39%	95.5%	89.7%
SAU801138	EBC102986	50%	96.0%	99.1%
SAU801138	EFA201458	62%	98.6%	100%
SAU801138	EFM202235	65%	97.7%	99.4%
SAU801138	ECO101682	50%	96.0%	99.1%
SAU801138	HIN101277	46%	96.6%	99.7%
SAU801138	HPY100399	45%	92.6%	97.9%
SAU801138	KPN301693	50%	96.0%	99.1%
SAU801138	LPN101724	50%	95.7%	98.8%
SAU801138	LMO102680	64%	97.4%	98.3%
SAU801138	MCA100196	45%	96.6%	94.2%
SAU801138	MAV106540	43%	90.6%	90.2%
SAU801138	MBV103898	43%	88.9%	87.2%
SAU801138	MLP100869	43%	89.2%	88%
SAU801138	MTU201628	43%	88.9%	90.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801138	MGE100196	37%	85.8%	89.7%
SAU801138	MPN100049	37%	82.4%	85.0%
SAU801138	NGO101895	42%	96.6%	99.7%
SAU801138	NME200858	42%	96.3%	99.1%
SAU801138	PMU100631	48%	96.6%	99.7%
SAU801138	PRT101305	51%	96.0%	99.1%
SAU801138	PAE202738	52%	96.6%	99.7%
SAU801138	PPU103714	51%	96.6%	99.7%
SAU801138	PSY100067	54%	82.7%	99.7%
SAU801138	SPA100213	49%	92.0%	98.7%
SAU801138	STY101116	50%	96.0%	99.1%
SAU801138	STM103449	50%	96.0%	99.1%
SAU801138	SAU801138	100%	100%	100%
SAU801138	SEP200863	90%	99.7%	99.7%
SAU801138	SHA100441	89%	99.7%	99.7%
SAU801138	SMU100485	62%	97.4%	99.7%
SAU801138	SPN400507	60%	96.9%	91.7%
SAU801138	SPY200564	62%	97.4%	92.8%
SAU801138	TPA100963	29%	68.8%	47.9%
SAU801138	UUR100463	40%	92.9%	96.1%
SAU801138	VCH101200	49%	96.6%	99.7%
SAU801138	YPS003058	49%	96.0%	99.1%
SAU801139	ABA102495	35%	90.6%	100%
SAU801139	BAN109820	37%	74.2%	75.8%
SAU801139	BAN101919	47%	100%	99.9%
SAU801139	BFR11118	33%	100%	100%
SAU801139	BPT100285	34%	99.1%	98.9%
SAU801139	BBU100513	23%	36.2%	49.3%
SAU801139	BCE101979	33%	100%	99.9%
SAU801139	BFU107151	31%	40.8%	93.6%
SAU801139	BMA101914	34%	100%	99.9%
SAU801139	CJU100827	26%	100%	100%
SAU801139	CPN200152	29%	98.4%	97.7%
SAU801139	CTR200749	28%	97.9%	97.3%
SAU801139	CAC101148	37%	98.5%	98.4%
SAU801139	CBO103321	38%	100%	99.9%
SAU801139	CDF100484	45%	32.9%	100%
SAU801139	CDF103760	38%	99.4%	99.0%
SAU801139	CDP100987	30%	97.9%	97.7%
SAU801139	EBC102988	37%	72.8%	99.7%
SAU801139	EFA201457	45%	99.8%	99.6%
SAU801139	EFM200867	44%	99.2%	99.1%
SAU801139	ECO101681	37%	99.4%	99.1%
SAU801139	HIN101278	36%	99.2%	98.6%
SAU801139	HPY100398	25%	98.6%	98.4%
SAU801139	KPN301695	37%	99.4%	99.1%
SAU801139	LPN100643	34%	97.8%	97.5%
SAU801139	LMO101759	47%	100%	100%
SAU801139	MCA100197	33%	99.6%	99.4%
SAU801139	MAV106542	30%	100%	99.9%
SAU801139	MBV101271	32%	73%	90.4%
SAU801139	MLP100870	30%	100%	99.8%
SAU801139	MTU201629	30%	100%	99.9%
SAU801139	MGE100197	26%	88.4%	89.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801139	MPN100048	26%	89.6%	89.6%
SAU801139	NGO101903	34%	100%	99.9%
SAU801139	NME200861	34%	100%	99.9%
SAU801139	PMU100629	35%	99%	98.7%
SAU801139	PRT101304	36%	99%	98.7%
SAU801139	PAE202737	35%	99.4%	99.1%
SAU801139	PPU103715	34%	99%	98.7%
SAU801139	PSY100068	35%	99.4%	99.1%
SAU801139	SPA100516	35%	78%	99.4%
SAU801139	STY101114	36%	99.4%	99.1%
SAU801139	STM103450	37%	99.4%	99.1%
SAU801139	SAU801139	100%	100%	100%
SAU801139	SEP200864	78%	100%	100%
SAU801139	SHA100442	80%	62.4%	94.3%
SAU801139	SMU100476	43%	5.4%	95.7%
SAU801139	SMU100483	44%	100%	100%
SAU801139	SPN400509	45%	99.4%	99.2%
SAU801139	SPY200565	44%	100%	100%
SAU801139	TPA100014	25%	35.2%	44.9%
SAU801139	UUR100462	24%	89.6%	90.4%
SAU801139	VCH101201	35%	100%	99.9%
SAU801139	YPS003055	37%	99%	98.7%
SAU801144	BAN110629	43%	83.2%	82.7%
SAU801144	BAN100015	49%	100%	100%
SAU801144	BFR11777	30%	98.6%	98.4%
SAU801144	BBU100098	31%	86.3%	86.4%
SAU801144	CJU100980	23%	82.1%	84.2%
SAU801144	CAC102136	38%	100%	100%
SAU801144	CBO102295	40%	100%	100%
SAU801144	CDF103406	42%	100%	100%
SAU801144	EFA202339	44%	99.5%	99.5%
SAU801144	EFM201371	43%	100%	100%
SAU801144	HPY100613	24%	92.1%	90.9%
SAU801144	LMO101164	47%	100%	100%
SAU801144	SAU801144	100%	100%	100%
SAU801144	SEP200869	84%	100%	100%
SAU801144	SHA101143	83%	77.0%	99.8%
SAU801144	SMU101270	40%	100%	99.0%
SAU801144	SPN400368	38%	100%	99.9%
SAU801144	SPY201414	40%	99.9%	99.9%
SAU801151	ABA103721	33%	81.2%	79.3%
SAU801151	BAN108866	40%	93.6%	100%
SAU801151	BAN105656	42%	98.5%	97.4%
SAU801151	BAN100164	45%	97.7%	93.5%
SAU801151	BAN103658	51%	98.5%	97.4%
SAU801151	BFR102236	34%	98.1%	96.1%
SAU801151	BPT101248	23%	49.6%	54.9%
SAU801151	BBU100100	23%	87.6%	87.4%
SAU801151	BCE107277	33%	73.7%	92.8%
SAU801151	BFU109172	29%	90.6%	93.8%
SAU801151	BMA106607	30%	98.5%	90.3%
SAU801151	CJU101558	34%	94.4%	98%
SAU801151	CAC101362	37%	72.6%	75%
SAU801151	CBO102188	33%	83.5%	84.6%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801151	CDF101024	39%	98.9%	98.1%
SAU801151	CDP101353	44%	98.5%	98.5%
SAU801151	EBC101695	32%	84.2%	86.5%
SAU801151	EFA201433	50%	94.4%	91.3%
SAU801151	EFM201002	49%	98.9%	95.3%
SAU801151	ECO103873	31%	80.1%	74.0%
SAU801151	HIN101705	29%	82.0%	81.0%
SAU801151	HPY100542	35%	94.4%	99.2%
SAU801151	KPN308897	31%	77.1%	85.1%
SAU801151	LPN100405	42%	85.7%	81.0%
SAU801151	LMO101688	50%	99.2%	99.2%
SAU801151	MCA100045	30%	81.2%	76.8%
SAU801151	MAV103533	40%	95.9%	93.8%
SAU801151	MBV101876	40%	94.0%	91.9%
SAU801151	MLP100726	40%	95.9%	93.4%
SAU801151	MTU201321	40%	94.0%	91.9%
SAU801151	NGO101679	36%	98.5%	97.0%
SAU801151	NME201872	37%	98.5%	97.0%
SAU801151	PMU100917	30%	82.7%	83.3%
SAU801151	PRT105607	32%	82.0%	76.4%
SAU801151	PAE204659	35%	81.2%	81.1%
SAU801151	PPU109719	33%	98.1%	97.7%
SAU801151	PSY106535	35%	96.2%	92.4%
SAU801151	SPA103848	25%	30.5%	66.9%
SAU801151	STY102718	31%	84.2%	86.5%
SAU801151	STM102035	31%	84.2%	79.5%
SAU801151	SAU801151	100%	100%	100%
SAU801151	SEP200875	86%	100%	99.6%
SAU801151	SHA100464	82%	100%	100%
SAU801151	SMU100491	42%	98.9%	99.2%
SAU801151	SPN401694	45%	98.9%	99.2%
SAU801151	SPY200261	43%	98.5%	98.9%
SAU801151	TPA100402	24%	75.2%	75%
SAU801151	VCH100156	30%	88.7%	86.8%
SAU801151	YPS001748	30%	80.5%	74.9%
SAU801152	ABA101490	43%	95.9%	94.2%
SAU801152	BAN102272	53%	53.8%	29.6%
SAU801152	BAN103467	53%	53.8%	29.8%
SAU801152	BFR100882	42%	96.4%	97.4%
SAU801152	BPT102669	41%	93.3%	80.7%
SAU801152	BBU100246	37%	96.9%	96.5%
SAU801152	BCE101174	43%	53.8%	30.6%
SAU801152	BFU112825	42%	98.5%	93.4%
SAU801152	BMA101121	41%	95.4%	91.4%
SAU801152	CJU101298	38%	96.4%	97%
SAU801152	CPN201078	36%	96.4%	94.2%
SAU801152	CTR200884	38%	96.4%	92.8%
SAU801152	CAC102793	46%	94.9%	94.5%
SAU801152	CBO101239	45%	96.9%	97.5%
SAU801152	CDF103949	41%	94.4%	42.1%
SAU801152	CDP101347	33%	96.9%	97.1%
SAU801152	EBC103395	44%	94.9%	96.4%
SAU801152	EFA204162	30%	92.3%	92.4%
SAU801152	EFA201431	48%	94.9%	41.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801152	EFM201013	55%	53.3%	29.4%
SAU801152	ECO102889	43%	94.9%	96.4%
SAU801152	HIN100246	41%	96.4%	99.0%
SAU801152	KPN300507	52%	27.2%	82.8%
SAU801152	KPN302113	46%	94.9%	96.4%
SAU801152	LPN101495	44%	96.9%	99.0%
SAU801152	LMO101778	47%	95.4%	93.6%
SAU801152	MCA101652	45%	93.3%	93.6%
SAU801152	MAV103539	38%	97.4%	96.6%
SAU801152	MBV101882	37%	93.8%	92.6%
SAU801152	MLP100729	35%	95.9%	89.1%
SAU801152	MTU201324	37%	93.8%	92.6%
SAU801152	NGO100831	41%	92.8%	93.0%
SAU801152	NME200785	41%	92.8%	93.0%
SAU801152	PMU101666	42%	96.4%	96.5%
SAU801152	PRT105468	42%	94.9%	96.4%
SAU801152	PAE200386	40%	95.4%	95.9%
SAU801152	PPU102088	41%	94.9%	94.9%
SAU801152	PSY103557	40%	95.4%	95.5%
SAU801152	SPA102538	45%	94.9%	97.4%
SAU801152	STY104601	45%	94.9%	96.4%
SAU801152	STM100605	46%	94.9%	96.4%
SAU801152	SAU801152	100%	100%	100%
SAU801152	SEP200876	72%	100%	100%
SAU801152	SHA100465	70%	99.0%	100%
SAU801152	SMU100489	41%	97.9%	60.3%
SAU801152	SPN401693	42%	94.9%	56.8%
SAU801152	SPY200262	41%	93.3%	57.0%
SAU801152	TPA100434	39%	89.7%	65.8%
SAU801152	VCH100451	44%	99.0%	99%
SAU801152	YPS000246	48%	94.9%	96.4%
SAU801170	BMA101214	41%	98.7%	95.2%
SAU801170	EBC101762	45%	98.4%	97.2%
SAU801170	EFA201006	51%	99.4%	99.4%
SAU801170	EFA201632	52%	99.0%	97.8%
SAU801170	ECO102810	53%	98.7%	98.4%
SAU801170	HIN100574	41%	99.4%	96.8%
SAU801170	MPN100529	45%	100%	100%
SAU801170	PAE205168	41%	98.1%	95.8%
SAU801170	PPU103958	42%	98.1%	95.8%
SAU801170	STY103966	44%	98.7%	95.5%
SAU801170	SAU801170	100%	100%	100%
SAU801170	SEP202230	89%	100%	100%
SAU801170	SHA100424	68%	54.8%	99.4%
SAU801170	SPN401955	49%	99.4%	98.4%
SAU801179	ABA100924	43%	99.0%	98.0%
SAU801179	BAN107720	43%	99.0%	100%
SAU801179	BAN107471	64%	99.0%	99.4%
SAU801179	BFR10235	40%	98.4%	97.0%
SAU801179	BPT103017	39%	92.9%	78.3%
SAU801179	BBU100305	32%	98.7%	98.0%
SAU801179	BCE109760	40%	97.1%	98.7%
SAU801179	BFU100821	39%	98.1%	95.6%
SAU801179	BMA103495	41%	98.7%	97.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801179	CJU100643	38%	97.1%	94.9%
SAU801179	CPN200328	33%	98.1%	97.0%
SAU801179	CTR200537	32%	98.1%	95.4%
SAU801179	CAC101664	53%	98.7%	98.1%
SAU801179	CBO100001	53%	98.1%	95.6%
SAU801179	CDF103476	49%	98.7%	96.5%
SAU801179	CDP101284	38%	93.2%	88.2%
SAU801179	EBC101940	41%	87.1%	83.2%
SAU801179	EFA202184	63%	99.7%	96.9%
SAU801179	EFM200229	64%	99.7%	97.5%
SAU801179	ECO100082	41%	98.7%	97.4%
SAU801179	HIN101104	41%	98.1%	96.0%
SAU801179	HPY100698	38%	97.4%	96.1%
SAU801179	KPN301853	37%	98.7%	88.2%
SAU801179	LPN101684	43%	99.7%	99.7%
SAU801179	LMO102721	67%	99.0%	98.7%
SAU801179	MCA100816	40%	98.4%	92.2%
SAU801179	MAV103917	40%	98.7%	96.0%
SAU801179	MBV101484	43%	92.0%	87.5%
SAU801179	MLP100561	41%	92.6%	77.7%
SAU801179	MTU202131	40%	98.7%	79.8%
SAU801179	MGE100227	34%	98.1%	97.1%
SAU801179	MPN100521	37%	98.1%	97.4%
SAU801179	NGO100619	43%	98.7%	95.6%
SAU801179	NME201916	43%	98.7%	92.7%
SAU801179	PMU100134	43%	98.7%	96.6%
SAU801179	PRT102632	42%	98.7%	97.1%
SAU801179	PAE204418	42%	99.7%	98.7%
SAU801179	PPU105960	40%	99.7%	98.1%
SAU801179	PSY103858	42%	99.7%	98.7%
SAU801179	SPA102751	38%	98.7%	97.4%
SAU801179	STY103148	39%	98.7%	97.4%
SAU801179	STM102860	39%	98.7%	97.4%
SAU801179	SAU801179	100%	100%	100%
SAU801179	SEP200893	89%	100%	100%
SAU801179	SHA101308	91%	100%	100%
SAU801179	SMU101437	56%	99.7%	98.4%
SAU801179	SPN400302	59%	98.1%	96.8%
SAU801179	SPY201283	57%	99.7%	92.3%
SAU801179	TPA100380	30%	68.2%	59.1%
SAU801179	UUR100389	48%	97.1%	96.4%
SAU801179	VCH102374	38%	99.4%	98.7%
SAU801179	YPS000988	41%	98.7%	95.3%
SAU801180	BAN113715	43%	43.6%	81.7%
SAU801180	BAN110605	34%	78.2%	90.8%
SAU801180	EFA202182	24%	80.5%	79.3%
SAU801180	EFM201482	23%	94.7%	100%
SAU801180	LMO102397	32%	75.2%	80.8%
SAU801180	SAU801180	100%	100%	100%
SAU801180	SEP200895	84%	100%	100%
SAU801180	SHA101309	73%	100%	100%
SAU801180	SMU101439	27%	69.2%	86.0%
SAU801180	SPN400303	16%	64.7%	81.9%
SAU801180	SPY201282	25%	69.2%	86.0%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801181	ABA105255	26%	77.3%	93.3%
SAU801181	BAN113613	30%	9.5%	91.8%
SAU801181	BAN105395	35%	43.0%	95.3%
SAU801181	BAN105591	28%	92.1%	95.1%
SAU801181	BAN110033	36%	95.3%	97.9%
SAU801181	BAN112091	35%	94.6%	97.8%
SAU801181	BFR101372	24%	93.7%	99.0%
SAU801181	BPT103014	29%	65.5%	79.4%
SAU801181	BBU100135	25%	83.3%	95.2%
SAU801181	BCE112144	27%	76.7%	87.3%
SAU801181	BFU100822	27%	76.7%	86.6%
SAU801181	BMA103887	27%	78.1%	90.6%
SAU801181	CPN200330	26%	40.6%	51.6%
SAU801181	CTR200535	25%	59.5%	68.9%
SAU801181	CAC102451	27%	80.1%	99.7%
SAU801181	CAC102718	28%	93.3%	96.4%
SAU801181	CBO100210	28%	95.2%	98.3%
SAU801181	CDF104232	29%	86.8%	98.6%
SAU801181	CDP101283	25%	71.0%	91.5%
SAU801181	EBC102574	26%	76.7%	94.7%
SAU801181	EFA202180	33%	93.4%	95.8%
SAU801181	EFM201754	33%	93.8%	96.3%
SAU801181	ECO100084	26%	76.7%	91.5%
SAU801181	HIN101106	26%	76.6%	87.0%
SAU801181	HPY101533	22%	75.8%	92.0%
SAU801181	KPN301849	26%	76.7%	91.5%
SAU801181	LPN102605	27%	65.5%	85.4%
SAU801181	LMO101211	37%	98.0%	97.7%
SAU801181	MCA100818	24%	77.4%	90.6%
SAU801181	MAV104019	25%	72.3%	82.2%
SAU801181	MBV101482	24%	76.5%	89.3%
SAU801181	MLP100563	25%	74.3%	84.7%
SAU801181	MTU202129	24%	76.5%	84.8%
SAU801181	NGO102402	27%	79.8%	97.7%
SAU801181	NME201914	27%	79.8%	96.0%
SAU801181	PMU100136	27%	73.3%	85.2%
SAU801181	PRT102628	26%	81.6%	98.8%
SAU801181	PAE202270	27%	72.0%	88.8%
SAU801181	PPU111736	26%	76.7%	92.8%
SAU801181	PSY103856	25%	76.7%	93.8%
SAU801181	SPA102753	25%	76.7%	92.1%
SAU801181	STY101764	27%	75.3%	90.7%
SAU801181	STM102862	26%	76.7%	91.5%
SAU801181	SAU801181	100%	100%	100%
SAU801181	SEP200896	80%	100%	95.9%
SAU801181	SHA101310	78%	95.0%	100%
SAU801181	SMU101453	32%	94.1%	96.5%
SAU801181	SPN400304	32%	93.8%	96.4%
SAU801181	SPY201281	30%	95.0%	96.8%
SAU801181	TPA100752	23%	84.5%	92.2%
SAU801181	VCH102372	25%	77.0%	94.3%
SAU801181	YPS000992	25%	76.7%	91.7%
SAU801182	ABA100933	39%	96.6%	90.3%
SAU801182	BAN106826	44%	98.8%	98.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801182	BAN112016	54%	99.4%	97.8%
SAU801182	BFR103500	32%	88.5%	81.0%
SAU801182	BPT103007	39%	96.0%	90.2%
SAU801182	BBU100302	37%	96.6%	92.3%
SAU801182	BCE112929	44%	55.1%	93.0%
SAU801182	BFU100825	38%	96.6%	90.7%
SAU801182	BMA100546	41%	96.6%	90.7%
SAU801182	CJU100401	44%	96.3%	91.2%
SAU801182	CPN200949	34%	96.6%	92.3%
SAU801182	CTR200133	36%	96.6%	94.9%
SAU801182	CAC103184	45%	97.5%	97.5%
SAU801182	CBO103583	44%	97.2%	97.5%
SAU801182	CBO100702	50%	96.9%	97.2%
SAU801182	CDF103820	41%	96.9%	93.3%
SAU801182	CDP101276	38%	97.8%	95.4%
SAU801182	EBC102571	41%	97.5%	90.8%
SAU801182	EFA202177	51%	98.8%	97.8%
SAU801182	EFM200138	51%	99.1%	99.4%
SAU801182	ECO100087	41%	97.5%	90.8%
SAU801182	HIN101109	41%	96.6%	90%
SAU801182	HPY100488	38%	96.3%	90.7%
SAU801182	KPN301856	41%	97.5%	90.8%
SAU801182	LPN102792	42%	67.3%	97.5%
SAU801182	LMO102708	53%	96.9%	95.7%
SAU801182	MCA100821	38%	96.9%	93.2%
SAU801182	MAV103996	36%	98.1%	95.5%
SAU801182	MLP100566	37%	98.1%	95.5%
SAU801182	MTU202122	36%	98.1%	95.5%
SAU801182	NGO100597	41%	96.9%	90.6%
SAU801182	NME201910	42%	96.9%	90.6%
SAU801182	PMU100139	41%	96.6%	90%
SAU801182	PRT102641	44%	96.6%	90%
SAU801182	PAE204413	43%	96.6%	90%
SAU801182	PPU105952	43%	96.6%	90%
SAU801182	PSY103851	43%	96.6%	90%
SAU801182	SPA102756	41%	97.5%	92.9%
SAU801182	STY103173	41%	97.5%	90.8%
SAU801182	STM102884	42%	97.5%	90.8%
SAU801182	SAU801182	100%	100%	100%
SAU801182	SEP200897	87%	100%	100%
SAU801182	SHA101311	87%	100%	100%
SAU801182	SMU101454	40%	98.1%	97.3%
SAU801182	SPN400305	44%	97.5%	97.9%
SAU801182	SPY201280	40%	99.1%	98.2%
SAU801182	TPA100341	26%	84.4%	78.0%
SAU801182	VCH102369	42%	97.5%	90.8%
SAU801182	YPS000995	44%	97.5%	90.8%
SAU801183	ABA105049	29%	95.1%	96.4%
SAU801183	BAN101698	42%	96.4%	99.1%
SAU801183	BAN100427	50%	98.0%	98.7%
SAU801183	BFR11370	36%	95.5%	98.2%
SAU801183	BPT103005	27%	96.2%	95.5%
SAU801183	BBU100584	28%	96.2%	97.1%
SAU801183	BFU100814	26%	95.1%	94.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801183	BMA102821	25%	95.1%	96.8%
SAU801183	CJU100400	25%	81.7%	84.6%
SAU801183	CPN200948	26%	95.5%	96.9%
SAU801183	CTR200134	27%	95.5%	92.8%
SAU801183	CAC103488	33%	96.7%	96.3%
SAU801183	CBO101756	33%	96.2%	96.1%
SAU801183	CDF104583	38%	96.2%	97.8%
SAU801183	CDP101273	27%	96.9%	94.8%
SAU801183	EBC102570	30%	97.6%	98.2%
SAU801183	EFA202176	50%	98.0%	97.8%
SAU801183	EFM201395	51%	96.4%	97.1%
SAU801183	ECO100088	31%	97.6%	98.2%
SAU801183	HIN101110	31%	96.0%	97.3%
SAU801183	HPY100489	26%	82.2%	85.8%
SAU801183	KPN300285	27%	19.2%	55.1%
SAU801183	KPN302061	27%	19.2%	26.5%
SAU801183	KPN300322	34%	37.9%	86.7%
SAU801183	KPN301854	31%	97.6%	98.2%
SAU801183	LPN102050	31%	93.3%	100%
SAU801183	LMO100907	48%	96.2%	95.8%
SAU801183	MCA103645	30%	97.8%	99.6%
SAU801183	MAV103995	30%	44.1%	76.8%
SAU801183	MBV100523	25%	96.4%	95.9%
SAU801183	MLP100567	25%	96.4%	97.3%
SAU801183	MTU202121	26%	96.4%	97.3%
SAU801183	NGO100590	30%	97.3%	99.1%
SAU801183	NME201908	30%	97.3%	99.1%
SAU801183	PMU100140	31%	96.7%	97.9%
SAU801183	PRT102639	32%	97.6%	98.2%
SAU801183	PAE204412	28%	94.9%	96.0%
SAU801183	PPU105951	29%	95.3%	96%
SAU801183	PSY103849	30%	80.8%	93.1%
SAU801183	SPA102757	28%	57.0%	71.5%
SAU801183	STY103174	29%	96.0%	97.3%
SAU801183	STM102886	29%	96.0%	97.3%
SAU801183	SAU801183	100%	100%	100%
SAU801183	SEP200898	89%	100%	100%
SAU801183	SHA101312	86%	59.9%	100%
SAU801183	SMU100079	47%	98.9%	99.1%
SAU801183	SPN400603	46%	96.4%	96.9%
SAU801183	SPY201174	47%	97.6%	97.6%
SAU801183	TPA100893	22%	97.3%	97.9%
SAU801183	VCH102368	28%	97.1%	92.5%
SAU801183	YPS001010	30%	97.6%	98.2%
SAU801184	BAN105429	30%	53.3%	89.3%
SAU801184	BAN113055	30%	56.3%	91.7%
SAU801184	BBU100300	25%	31.0%	56.3%
SAU801184	BMA101206	20%	24.4%	14.4%
SAU801184	CAC103429	21%	52.6%	94.8%
SAU801184	CBO101421	23%	55.8%	95.3%
SAU801184	CDF104368	28%	42.6%	81.3%
SAU801184	EFA202172	26%	76.8%	90.6%
SAU801184	EFM200367	26%	83.8%	89.2%
SAU801184	LMO101774	29%	60.8%	95.2%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801184	NGO100580	21%	56.7%	96.7%
SAU801184	NME201903	21%	54.9%	96.7%
SAU801184	SAU801184	100%	100%	100%
SAU801184	SEP200899	51%	99.8%	96.1%
SAU801184	SHA100844	47%	83.8%	99.5%
SAU801184	SMU100083	21%	68.3%	84.0%
SAU801184	SPN400605	21%	97.7%	99.2%
SAU801184	SPY201172	23%	72.0%	86.1%
SAU801184	TPA100384	27%	23.7%	39.1%
SAU801185	ABA100623	24%	73.0%	82.1%
SAU801185	BAN111291	37%	77.4%	85.1%
SAU801185	BAN101900	37%	77.4%	84.3%
SAU801185	BFR102146	23%	98.9%	97.7%
SAU801185	BPT102984	28%	77.2%	90.4%
SAU801185	BBU100299	26%	77.9%	90.8%
SAU801185	BCE109663	28%	76.6%	89.3%
SAU801185	BFU100407	28%	76.6%	89.3%
SAU801185	BMA104126	28%	76.6%	89.3%
SAU801185	CJU100645	24%	88.1%	92.2%
SAU801185	CAC100288	22%	91.1%	98.1%
SAU801185	CBO102974	24%	85.5%	94.1%
SAU801185	EBC101798	25%	76.6%	89.2%
SAU801185	EFA202170	30%	78.7%	84.3%
SAU801185	EFM201888	29%	95.5%	96.8%
SAU801185	ECO100094	24%	76.6%	88.8%
SAU801185	HIN101116	28%	77.9%	89.4%
SAU801185	HPY100962	23%	76.6%	80.5%
SAU801185	KPN300531	25%	41.3%	84.9%
SAU801185	LPN103001	28%	71.3%	81.6%
SAU801185	LMO101001	34%	79.6%	88.0%
SAU801185	MCA100438	24%	72.3%	79.4%
SAU801185	NGO100578	28%	78.3%	90.6%
SAU801185	NME201902	28%	78.3%	90.6%
SAU801185	PMU100146	26%	77.9%	89.4%
SAU801185	PRT102629	25%	73.0%	84.0%
SAU801185	PAE204406	28%	76.6%	87.8%
SAU801185	PPU111774	26%	76.8%	89.1%
SAU801185	PSY103837	26%	76.6%	89.3%
SAU801185	SPA101844	25%	76.6%	88.7%
SAU801185	STY103209	25%	76.6%	88.8%
SAU801185	STM102892	25%	76.6%	88.8%
SAU801185	SAU801185	100%	100%	100%
SAU801185	SEP200915	86%	100%	100%
SAU801185	SHA100845	78%	100%	100%
SAU801185	SMU100084	30%	93.4%	95.8%
SAU801185	SPN401510	34%	77.0%	79.2%
SAU801185	SPY201171	30%	85.5%	91.2%
SAU801185	TPA100385	24%	76.6%	90.3%
SAU801185	VCH102363	25%	77.9%	90.2%
SAU801185	YPS001022	26%	76.6%	89.2%
SAU801186	ABA100622	48%	96.2%	96.4%
SAU801186	BAN103024	66%	98.2%	100%
SAU801186	BAN112439	68%	98.2%	100%
SAU801186	BFR12421	47%	77.4%	69.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801186	BPT102981	41%	99.7%	94.7%
SAU801186	BBU100298	52%	95.4%	92.8%
SAU801186	BCE103310	54%	70%	94.1%
SAU801186	BFU100408	53%	77.2%	75.1%
SAU801186	BMA104500	44%	94.6%	96.5%
SAU801186	CJU100646	48%	81.0%	85.7%
SAU801186	CAC100838	59%	98.5%	99.7%
SAU801186	CBO103263	59%	97.9%	100%
SAU801186	CDF102447	57%	97.4%	97.5%
SAU801186	CDP101254	53%	97.9%	92.5%
SAU801186	EBC101797	57%	38.2%	91.4%
SAU801186	EFA202168	69%	80.3%	76.3%
SAU801186	EFM200220	68%	80.3%	75.8%
SAU801186	ECO100095	52%	79.0%	81.2%
SAU801186	HIN101117	46%	78.5%	78.1%
SAU801186	HPY100963	39%	95.1%	93.0%
SAU801186	KPN300530	58%	38.5%	93.8%
SAU801186	LPN100473	51%	7.9%	76.9%
SAU801186	LMO101235	68%	98.2%	99.7%
SAU801186	MCA101528	50%	79.7%	87.1%
SAU801186	MAV103265	55%	94.9%	98.2%
SAU801186	MBV100533	54%	94.9%	98.4%
SAU801186	MLP100572	53%	94.9%	98.4%
SAU801186	MTU202116	54%	94.9%	98.4%
SAU801186	MGE100229	28%	73.6%	81.6%
SAU801186	MPN100519	30%	54.4%	54.7%
SAU801186	NGO100577	53%	78.7%	79.1%
SAU801186	NME201901	50%	85.9%	84.2%
SAU801186	PMU100147	46%	81.0%	78.1%
SAU801186	PRT102627	56%	44.1%	92.0%
SAU801186	PAE204405	45%	97.9%	100%
SAU801186	PPU105993	52%	80.5%	79.1%
SAU801186	PSY103835	52%	81.5%	80.8%
SAU801186	SPA100031	45%	49.5%	74.3%
SAU801186	STY103211	52%	79.0%	81.2%
SAU801186	STM102893	52%	79.0%	81.2%
SAU801186	SAU801186	100%	100%	100%
SAU801186	SEP200917	92%	100%	100%
SAU801186	SHA100846	92%	100%	100%
SAU801186	SMU100085	64%	77.7%	69.8%
SAU801186	SPN401509	65%	77.7%	72.3%
SAU801186	SPY201170	65%	77.7%	69.0%
SAU801186	TPA100386	48%	94.6%	95.0%
SAU801186	VCH102362	52%	78.7%	77.4%
SAU801186	YPS001023	45%	95.1%	97.4%
SAU801188	ABA100699	33%	99.1%	96.5%
SAU801188	BAN102298	60%	86.6%	97%
SAU801188	BAN105813	55%	99.1%	99.6%
SAU801188	BFR10478	35%	99.1%	98.6%
SAU801188	BPT100358	38%	86.2%	73.1%
SAU801188	BCE102004	36%	87.5%	85.8%
SAU801188	BFU102631	35%	97.8%	96.1%
SAU801188	CJU100669	30%	85.3%	91.0%
SAU801188	CAC102293	35%	93.8%	95.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801188	CBO100252	32%	99.1%	97.3%
SAU801188	CDF104041	44%	98.2%	94.9%
SAU801188	CDP100613	40%	85.3%	85.1%
SAU801188	EBC103402	31%	99.1%	97.4%
SAU801188	EFA202166	49%	96.9%	97.8%
SAU801188	EFM200029	45%	98.7%	99.6%
SAU801188	ECO102886	31%	99.1%	97.0%
SAU801188	HIN100089	30%	98.7%	95.8%
SAU801188	HPY100391	32%	86.6%	86.9%
SAU801188	KPN302105	33%	99.1%	97.4%
SAU801188	LPN100888	34%	100%	98.3%
SAU801188	LMO101181	49%	99.6%	98.3%
SAU801188	MCA100523	27%	97.3%	91.5%
SAU801188	MAV103261	27%	66.1%	59.0%
SAU801188	MBV100535	26%	86.2%	79.5%
SAU801188	MLP100574	31%	66.1%	59.2%
SAU801188	MTU202114	26%	86.2%	81.4%
SAU801188	NGO101964	33%	87.1%	86.4%
SAU801188	NME200206	34%	87.1%	86.4%
SAU801188	PMU100112	31%	100%	98.7%
SAU801188	PRT105809	30%	99.1%	97.0%
SAU801188	PAE200393	34%	99.1%	96.1%
SAU801188	PPU102082	35%	98.2%	96.1%
SAU801188	PSY103724	36%	87.5%	85.1%
SAU801188	SPA102546	30%	89.7%	91.8%
SAU801188	STY104582	31%	99.1%	94.0%
SAU801188	STM100599	31%	99.1%	94.0%
SAU801188	SAU801188	100%	100%	100%
SAU801188	SEP200921	74%	99.1%	100%
SAU801188	SHA100042	66%	42.9%	100%
SAU801188	SMU100094	47%	96.9%	98.2%
SAU801188	SPN401508	47%	96.9%	98.2%
SAU801188	SPY201169	51%	87.5%	88.3%
SAU801188	VCH100456	33%	99.1%	96.6%
SAU801188	YPS000235	28%	97.8%	95.7%
SAU801189	BAN107825	43%	66.3%	84.2%
SAU801189	BAN111609	43%	66.3%	82.1%
SAU801189	CAC101019	26%	60.4%	72.0%
SAU801189	CBO102919	29%	67.4%	78.7%
SAU801189	CDF103744	31%	62.6%	71.1%
SAU801189	CDP101251	26%	38.0%	47.7%
SAU801189	EFA205207	33%	94.7%	95.8%
SAU801189	EFM202104	31%	87.7%	88.9%
SAU801189	LMO100809	43%	94.7%	96.7%
SAU801189	MAV103259	25%	55.1%	49.5%
SAU801189	MBV100536	24%	58.3%	46.5%
SAU801189	MLP100575	25%	55.1%	50.5%
SAU801189	MTU202113	24%	58.3%	46.5%
SAU801189	SAU801189	100%	100%	100%
SAU801189	SEP200923	71%	98.4%	100%
SAU801189	SHA100165	64%	97.9%	97.5%
SAU801189	SMU100097	29%	89.8%	88.0%
SAU801189	SPN401507	22%	89.8%	85.5%
SAU801189	SPY201168	28%	76.5%	63.8%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801192	BAN105377	36%	78.5%	95.8%
SAU801192	BAN104329	36%	78.5%	95.8%
SAU801192	CAC103030	27%	98.5%	95.6%
SAU801192	CBO103567	25%	76.1%	70.3%
SAU801192	CDF101598	26%	78.5%	98.9%
SAU801192	EFA202162	27%	100%	93.6%
SAU801192	EFM200763	26%	92.7%	93.6%
SAU801192	LMO101008	42%	78.5%	92%
SAU801192	MAV103271	25%	69.8%	90%
SAU801192	MBV100524	25%	69.8%	90%
SAU801192	MTU202111	25%	69.8%	90%
SAU801192	SAU801192	100%	100%	100%
SAU801192	SEP200927	77%	98.5%	94.0%
SAU801192	SHA101033	70%	99.0%	89.6%
SAU801192	SMU100106	31%	74.1%	60.1%
SAU801192	SPN401504	31%	74.1%	61.3%
SAU801192	SPY201165	27%	95.6%	83.7%
SAU801192	UUR100397	33%	31.2%	77.8%
SAU801193	ABA103852	41%	99.0%	98.5%
SAU801193	BAN106248	53%	97.1%	100%
SAU801193	BAN106209	62%	87.2%	99.4%
SAU801193	BFR10500	26%	84.1%	80.7%
SAU801193	BPT100432	40%	99.1%	98.5%
SAU801193	BBU100832	27%	94.8%	81.7%
SAU801193	BCE111670	40%	93.5%	94.2%
SAU801193	BFU101230	41%	97.9%	96.4%
SAU801193	BMA102496	35%	99.5%	95.1%
SAU801193	BMA109115	40%	97.9%	96.4%
SAU801193	CJU100989	38%	99.9%	99.8%
SAU801193	CPN200653	28%	90.8%	80.3%
SAU801193	CTR200283	30%	85.9%	76.6%
SAU801193	CAC102765	32%	84.3%	75.2%
SAU801193	CBO100873	33%	55.7%	96.6%
SAU801193	CDF104554	32%	85.2%	76.0%
SAU801193	CDP101247	29%	88.0%	77.9%
SAU801193	EBC102151	41%	98.9%	100%
SAU801193	EFA202160	61%	99.7%	98.7%
SAU801193	EFM201425	60%	99.7%	98.5%
SAU801193	ECO100026	42%	99.0%	98.3%
SAU801193	HPY101401	37%	99.6%	99.6%
SAU801193	KPN300290	52%	4.8%	100%
SAU801193	KPN306610	42%	97.5%	98.5%
SAU801193	LPN101832	44%	99.0%	98.3%
SAU801193	LMO101679	61%	99.6%	99.3%
SAU801193	MCA103671	39%	4.4%	19.2%
SAU801193	MAV103388	28%	92.6%	81.0%
SAU801193	MBV102555	28%	83.5%	75.3%
SAU801193	MLP100743	26%	93.3%	83.8%
SAU801193	MTU201515	28%	83.5%	75.3%
SAU801193	MGE100354	37%	99.5%	99.9%
SAU801193	MPN100322	38%	90.6%	96.1%
SAU801193	NGO101799	42%	99.5%	99.0%
SAU801193	NME200578	42%	99.5%	98.7%
SAU801193	PMU101662	43%	99.6%	98.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801193	PRT101657	43%	99.0%	98.3%
SAU801193	PAE204558	41%	99.0%	98.3%
SAU801193	PPU109898	41%	99.0%	98.3%
SAU801193	PSY102684	41%	97.5%	98.5%
SAU801193	SPA100667	41%	82.4%	97.7%
SAU801193	STY101103	42%	99.0%	98.3%
SAU801193	STM100818	42%	99.0%	98.3%
SAU801193	SAU801193	100%	100%	100%
SAU801193	SEP200928	88%	100%	99.7%
SAU801193	SHA101034	88%	99.5%	100%
SAU801193	SMU100109	55%	99.8%	98.6%
SAU801193	SPN401501	54%	99.7%	98.5%
SAU801193	SPY201164	56%	96.8%	95.5%
SAU801193	TPA100448	25%	95.0%	83.2%
SAU801193	UUR100414	41%	99.6%	99.8%
SAU801193	VCH100669	43%	99.0%	98.3%
SAU801193	YPS000810	43%	99.0%	98.3%
SAU801201	ABA104096	29%	96.5%	98.1%
SAU801201	BAN105008	50%	98.8%	100%
SAU801201	BAN109895	63%	98.8%	97.9%
SAU801201	BFR103702	27%	98.1%	91.5%
SAU801201	BPT102422	26%	89.6%	98.2%
SAU801201	BCE103736	32%	98.6%	98.6%
SAU801201	BFU104929	32%	96.5%	96.0%
SAU801201	BMA105735	32%	98.6%	98.6%
SAU801201	CJU101120	26%	89.9%	91.8%
SAU801201	CAC103721	40%	99.3%	99.5%
SAU801201	CBO101305	31%	97.6%	97.2%
SAU801201	CDF100578	42%	99.1%	99.5%
SAU801201	CDP100341	37%	98.1%	92.9%
SAU801201	EBC104972	38%	11.1%	9.6%
SAU801201	EFA201088	56%	97.6%	97.2%
SAU801201	EFM200431	59%	98.8%	98.6%
SAU801201	ECO100503	29%	98.8%	94.7%
SAU801201	HPY100262	23%	98.6%	97.4%
SAU801201	KPN307585	38%	13.7%	12.3%
SAU801201	LPN103194	34%	13.9%	15.3%
SAU801201	LMO102149	64%	99.8%	99.5%
SAU801201	MCA100879	28%	90.1%	94.2%
SAU801201	MAV103353	37%	95.8%	95.3%
SAU801201	MBV100044	34%	71.5%	96.8%
SAU801201	MLP100325	37%	97.2%	96.7%
SAU801201	MTU201364	38%	95.8%	95.3%
SAU801201	NGO100980	31%	26.4%	32.3%
SAU801201	NME200819	27%	67.5%	79.4%
SAU801201	PAE200400	32%	96.0%	95.7%
SAU801201	PPU109222	33%	95.8%	95.5%
SAU801201	PSY103720	32%	95.5%	95.3%
SAU801201	SPA103882	30%	98.8%	94.7%
SAU801201	STY100935	30%	98.8%	94.7%
SAU801201	STM100648	30%	98.8%	94.7%
SAU801201	SAU801201	100%	100%	100%
SAU801201	SEP201466	78%	100%	100%
SAU801201	SHA102128	83%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801201	SMU101043	41%	99.3%	99.8%
SAU801201	SPN401053	42%	99.3%	99.8%
SAU801201	SPY200678	42%	99.1%	99.5%
SAU801201	VCH103644	24%	65.6%	74.6%
SAU801205	ABA100625	27%	80.8%	80.6%
SAU801205	BAN108573	50%	98.0%	99.0%
SAU801205	BAN110842	60%	100%	96.7%
SAU801205	BFR12198	48%	97.5%	93.4%
SAU801205	BCE100693	33%	92.1%	72.5%
SAU801205	BFU101074	32%	87.2%	78.9%
SAU801205	BMA106142	38%	57.6%	91.5%
SAU801205	BMA105198	32%	92.1%	83.3%
SAU801205	CJU100206	24%	73.4%	76.7%
SAU801205	CPN200137	24%	82.3%	79.0%
SAU801205	CAC100649	31%	41.4%	41.1%
SAU801205	CDP101383	34%	66.5%	76.3%
SAU801205	EBC103731	26%	41.4%	41.8%
SAU801205	EFA201101	60%	98.0%	94.8%
SAU801205	EFM202393	57%	97.0%	94.3%
SAU801205	ECO103564	28%	41.4%	41.8%
SAU801205	HPY101240	24%	73.4%	77.1%
SAU801205	KPN204506	28%	41.4%	41.8%
SAU801205	LPN102097	26%	66.5%	67.6%
SAU801205	LMO102924	59%	98.0%	95.2%
SAU801205	MCA101253	26%	77.3%	87.1%
SAU801205	MAV102308	36%	62.1%	69.2%
SAU801205	MBV100426	34%	62.1%	70.4%
SAU801205	MLP101478	30%	77.8%	88.3%
SAU801205	MTU200381	34%	62.1%	70.4%
SAU801205	PMU101877	27%	41.4%	41.6%
SAU801205	PRT105176	31%	44.8%	44.4%
SAU801205	PAE205326	31%	41.4%	41.8%
SAU801205	SPA102548	27%	41.4%	41.8%
SAU801205	STY104543	27%	41.4%	41.8%
SAU801205	SAU801205	100%	100%	100%
SAU801205	SEP201475	81%	100%	100%
SAU801205	SHA102132	83%	99.5%	100%
SAU801205	SMU101057	56%	99.0%	96.2%
SAU801205	SPN400614	56%	99.0%	95.7%
SAU801205	SPY200673	55%	99.0%	96.2%
SAU801205	VCH100209	30%	41.4%	41.6%
SAU801205	YPS001414	27%	41.4%	41.4%
SAU801208	BAN107106	41%	99.6%	100%
SAU801208	BAN106675	46%	99.6%	99.8%
SAU801208	BBU100346	29%	18.4%	4.6%
SAU801208	CJU101273	27%	9.2%	35.6%
SAU801208	CAC101472	38%	98.1%	99.1%
SAU801208	CBO100220	37%	98.1%	98.6%
SAU801208	CDF100071	37%	35.9%	97.7%
SAU801208	CDF102341	38%	99.6%	99.3%
SAU801208	EFA200648	40%	99.8%	98.9%
SAU801208	EFM200633	39%	99.8%	99.6%
SAU801208	ECO203135	25%	15.6%	27.8%
SAU801208	HPY101372	24%	51.9%	63.7%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801208	LMO100988	42%	99.6%	99.8%
SAU801208	MAV104086	25%	18.1%	27.2%
SAU801208	PMU101771	26%	19.5%	30.8%
SAU801208	SAU801208	100%	100%	100%
SAU801208	SEP201479	82%	99.8%	99.8%
SAU801208	SHA102135	81%	99.6%	99.6%
SAU801208	SMU100348	40%	99.6%	99.8%
SAU801208	SPN400868	39%	99.8%	98.2%
SAU801208	SPY200766	40%	99.6%	99.6%
SAU801220	BAN103092	26%	38.9%	98.9%
SAU801220	BAN112197	26%	99.5%	99.7%
SAU801220	BAN100271	34%	99.5%	99.4%
SAU801220	BFR100304	33%	33.6%	84.4%
SAU801220	BCE114461	33%	32.1%	62.7%
SAU801220	BFU114300	30%	31.3%	31.3%
SAU801220	BMA103072	32%	39.5%	96.8%
SAU801220	CPN200667	31%	39.8%	31.1%
SAU801220	CTR200567	27%	39.2%	31.2%
SAU801220	CAC102901	33%	86.6%	87.8%
SAU801220	CBO101331	33%	93.5%	93.2%
SAU801220	CDF103395	33%	66.3%	80.7%
SAU801220	CDP101333	29%	80.3%	90.8%
SAU801220	EBC104702	35%	22.9%	9.6%
SAU801220	EFA201561	35%	70.3%	92.2%
SAU801220	EFM201980	38%	66.6%	92.9%
SAU801220	ECO201271	26%	38.0%	72.1%
SAU801220	KPN303489	27%	39.2%	53.4%
SAU801220	LPN102115	24%	28.5%	18.7%
SAU801220	LMO100883	37%	99.5%	99.5%
SAU801220	MAV103512	31%	86.3%	88.5%
SAU801220	MBV103463	37%	9.3%	89.9%
SAU801220	MBV106232	30%	69.4%	92.0%
SAU801220	MLP100014	31%	69.4%	92.0%
SAU801220	MTU200014	30%	69.4%	92.0%
SAU801220	MGE100111	29%	37.2%	79.6%
SAU801220	MPN100584	28%	42.3%	84.6%
SAU801220	PAE200074	31%	46.5%	28.0%
SAU801220	PPU101810	29%	30.7%	33.1%
SAU801220	PSY105556	30%	33.3%	56.9%
SAU801220	STY104340	28%	38.4%	75.1%
SAU801220	SAU801220	100%	100%	100%
SAU801220	SEP201501	67%	99.7%	99.8%
SAU801220	SHA102145	59%	99.5%	100%
SAU801220	SMU101509	31%	88.7%	97.1%
SAU801220	SPN401575	34%	92.8%	71.6%
SAU801220	SPY201251	33%	85.4%	89.4%
SAU801220	TPA100304	21%	17.3%	33.9%
SAU801220	UUR100217	27%	42.6%	84.2%
SAU801230	ABA100558	42%	96.1%	90.5%
SAU801230	BAN107404	34%	97.4%	96.9%
SAU801230	BAN106364	46%	98.1%	96.8%
SAU801230	BFR11476	42%	94.5%	99.0%
SAU801230	BPT102620	40%	93.5%	92.9%
SAU801230	BCE103323	39%	95.1%	91.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801230	BFU100683	39%	95.1%	94.5%
SAU801230	BMA100069	40%	95.1%	94.8%
SAU801230	CJU100105	37%	91.6%	92.2%
SAU801230	CPN200455	36%	96.8%	96.4%
SAU801230	CTR200502	37%	98.7%	98.4%
SAU801230	CAC103563	44%	97.7%	98.4%
SAU801230	CBO101300	43%	97.7%	95.0%
SAU801230	CDF101771	44%	99.4%	96.8%
SAU801230	EBC100252	43%	66.6%	85.4%
SAU801230	EFA200242	39%	95.5%	94.8%
SAU801230	EFM200686	39%	95.5%	95.7%
SAU801230	ECO101065	40%	92.9%	93.2%
SAU801230	HIN100149	39%	99.0%	97.8%
SAU801230	HPY100088	30%	98.1%	96.1%
SAU801230	KPN300448	42%	48.7%	87.6%
SAU801230	KPN300815	39%	92.9%	93.5%
SAU801230	LPN103175	37%	95.8%	94.6%
SAU801230	LMO101375	48%	98.1%	97.1%
SAU801230	MCA100612	35%	97.1%	96.6%
SAU801230	MAV102169	32%	96.1%	28.5%
SAU801230	MBV105147	34%	92.5%	15.6%
SAU801230	MLP100101	34%	92.5%	13.4%
SAU801230	MTU202908	34%	92.5%	17.4%
SAU801230	NGO101393	38%	92.2%	92.5%
SAU801230	NME200497	37%	98.1%	98.4%
SAU801230	PMU101915	38%	99.4%	99.0%
SAU801230	PRT100032	36%	100%	100%
SAU801230	PAE202966	38%	95.8%	95.2%
SAU801230	PPU104834	41%	96.4%	82.1%
SAU801230	PSY101698	38%	95.1%	94.6%
SAU801230	SPA100960	39%	92.9%	93.2%
SAU801230	STY102531	40%	92.9%	93.2%
SAU801230	STM102720	40%	92.9%	93.2%
SAU801230	SAU801230	100%	100%	100%
SAU801230	SEP201521	78%	99.7%	98.4%
SAU801230	SHA101737	80%	100%	98.7%
SAU801230	SMU100543	42%	99.7%	100%
SAU801230	SPN400380	40%	96.1%	96.4%
SAU801230	SPY201349	39%	98.1%	96.5%
SAU801230	VCH101992	39%	98.1%	98.4%
SAU801230	YPS003126	39%	92.9%	93.2%
SAU801231	ABA100557	50%	98.4%	97.5%
SAU801231	BAN107352	49%	96.7%	96.8%
SAU801231	BAN101218	64%	98.4%	98.4%
SAU801231	BFR10719	52%	98.4%	97.6%
SAU801231	BPT102619	53%	98.4%	95.6%
SAU801231	BCE112767	56%	97.6%	96.0%
SAU801231	BFU100684	56%	97.6%	96.0%
SAU801231	BMA106290	55%	97.6%	96.0%
SAU801231	CJU100403	46%	98.4%	98.0%
SAU801231	CPN200456	43%	97.6%	96.4%
SAU801231	CTR200501	47%	98.4%	97.6%
SAU801231	CAC102747	32%	99.2%	91.6%
SAU801231	CAC100570	55%	98.4%	97.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801231	CBO102327	55%	97.6%	95.2%
SAU801231	CDF101772	56%	97.6%	96.4%
SAU801231	CDP101282	34%	72.8%	62.8%
SAU801231	EBC100251	62%	66.7%	99.4%
SAU801231	EFA200243	51%	100%	99.2%
SAU801231	EFM201914	52%	98.4%	97.1%
SAU801231	ECO101066	55%	98.4%	97.5%
SAU801231	HIN100148	52%	98.4%	98.3%
SAU801231	HPY100554	43%	98.4%	98.0%
SAU801231	KPN300814	54%	98.4%	97.5%
SAU801231	LPN103118	51%	98.4%	97.2%
SAU801231	LMO102009	62%	98.4%	98.0%
SAU801231	MCA101812	48%	82.9%	93.1%
SAU801231	MAV103538	40%	98.4%	90.2%
SAU801231	MBV105473	41%	98.4%	97.2%
SAU801231	MLP101100	45%	99.2%	91.7%
SAU801231	MTU201333	41%	98.4%	97.2%
SAU801231	NGO101381	54%	98.4%	96.4%
SAU801231	NME200494	55%	98.4%	96.4%
SAU801231	PMU101916	52%	98.0%	97.9%
SAU801231	PRT100071	55%	98.4%	97.5%
SAU801231	PAE202965	51%	98.4%	97.6%
SAU801231	PPU101751	52%	98.4%	98.0%
SAU801231	PSY108154	50%	98.4%	97.6%
SAU801231	SPA100959	53%	98.4%	97.5%
SAU801231	STY102532	54%	98.4%	97.5%
SAU801231	STM102721	54%	98.4%	97.5%
SAU801231	SAU801231	100%	100%	100%
SAU801231	SEP200094	37%	99.2%	99.6%
SAU801231	SEP201523	92%	99.2%	100%
SAU801231	SHA101738	90%	98.4%	98.8%
SAU801231	SMU100541	46%	98.4%	97.5%
SAU801231	SPN400381	47%	98.4%	97.9%
SAU801231	SPY201348	47%	98.4%	97.5%
SAU801231	VCH101991	54%	98.4%	96.0%
SAU801231	YPS003130	54%	98.4%	97.5%
SAU801232	ABA100149	53%	55.8%	87.8%
SAU801232	BAN107311	67%	90.9%	87.5%
SAU801232	BFR100793	62%	93.5%	92.3%
SAU801232	BPT104633	60%	96.1%	94.9%
SAU801232	BBU100703	49%	92.2%	88.8%
SAU801232	BCE109854	58%	92.2%	91.1%
SAU801232	BFU104450	58%	92.2%	91.1%
SAU801232	BMA104399	58%	92.2%	91.1%
SAU801232	CJU100409	48%	100%	100%
SAU801232	CPN200457	54%	88.3%	86.1%
SAU801232	CTR200500	54%	88.3%	88.3%
SAU801232	CAC100280	61%	92.2%	92.2%
SAU801232	CBO102204	59%	92.2%	68.3%
SAU801232	CDF104494	52%	92.2%	95.9%
SAU801232	CDF102560	58%	89.6%	93.3%
SAU801232	CDP102441	36%	81.8%	65.3%
SAU801232	EBC107855	25%	93.5%	86.7%
SAU801232	EFA204896	56%	94.8%	92.4%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801232	EFM201177	66%	62.3%	92.3%
SAU801232	ECO101067	63%	89.6%	88.5%
SAU801232	HIN100147	58%	90.9%	92.1%
SAU801232	HPY100946	52%	90.9%	45.1%
SAU801232	HPY100552	56%	93.5%	92.3%
SAU801232	KPN301296	62%	89.6%	88.5%
SAU801232	LPN100598	58%	90.9%	85.4%
SAU801232	LMO102315	71%	94.8%	94.8%
SAU801232	MCA100571	48%	88.3%	87.2%
SAU801232	MAV103068	40%	92.2%	61.7%
SAU801232	MBV100652	39%	92.2%	61.7%
SAU801232	MLP101007	39%	92.2%	61.7%
SAU801232	MTU202210	39%	92.2%	61.7%
SAU801232	MGE100293	29%	90.9%	83.3%
SAU801232	MPN100432	28%	58.4%	53.6%
SAU801232	NGO100692	57%	96.1%	96.2%
SAU801232	NME200041	56%	96.1%	96.2%
SAU801232	PMU101917	60%	90.9%	92.1%
SAU801232	PRT100070	67%	75.3%	90.6%
SAU801232	PAE202964	60%	88.3%	87.2%
SAU801232	PPU104838	58%	90.9%	89.7%
SAU801232	PSY106594	60%	90.9%	89.7%
SAU801232	SPA100630	63%	89.6%	88.5%
SAU801232	STY107110	63%	89.6%	88.5%
SAU801232	STM102722	63%	89.6%	88.5%
SAU801232	SAU801232	100%	100%	100%
SAU801232	SEP201525	98%	100%	100%
SAU801232	SHA101739	98%	100%	100%
SAU801232	SMU100547	45%	100%	100%
SAU801232	SPN400038	52%	92.2%	90.9%
SAU801232	SPY201351	44%	100%	100%
SAU801232	TPA100800	46%	94.8%	93.6%
SAU801232	UUR100511	27%	92.2%	94.8%
SAU801232	VCH101990	61%	90.9%	63.6%
SAU801232	YPS004652	65%	90.9%	89.7%
SAU801234	ABA100578	28%	98.8%	98.8%
SAU801234	BAN103630	32%	99.1%	99.5%
SAU801234	BAN104397	40%	99.6%	99.7%
SAU801234	BFR101153	20%	43.5%	56.2%
SAU801234	BPT100686	26%	99.0%	99.1%
SAU801234	BBU100045	23%	98.7%	99.3%
SAU801234	BCE108067	26%	99.2%	98.1%
SAU801234	BFU113992	27%	99.0%	99.1%
SAU801234	BMA100428	27%	99.2%	99.5%
SAU801234	CPN200161	18%	72.6%	43.0%
SAU801234	CAC103024	34%	99.2%	99.5%
SAU801234	CBO103358	35%	99.5%	99.4%
SAU801234	CDF101890	33%	99.5%	99.7%
SAU801234	CDP101170	27%	99.9%	99.7%
SAU801234	EFA201599	41%	99.4%	99.3%
SAU801234	EFM202536	36%	85.4%	99.6%
SAU801234	LPN102310	19%	65.2%	50.6%
SAU801234	LPN101618	20%	57.2%	33.6%
SAU801234	LMO100062	41%	99.5%	99.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801234	MCA102065	25%	99.5%	99.8%
SAU801234	MAV100512	28%	48.5%	97.3%
SAU801234	MBV100832	37%	26.2%	70.0%
SAU801234	MLP100993	28%	98.7%	98.7%
SAU801234	MTU202884	27%	98.8%	92.3%
SAU801234	MGE100304	25%	12.6%	25.4%
SAU801234	MPN100415	27%	100%	99.8%
SAU801234	NGO101479	28%	98.8%	99.0%
SAU801234	NME200667	28%	98.8%	99.0%
SAU801234	PMU100609	18%	46.3%	76.5%
SAU801234	PAE201526	26%	98.8%	99.1%
SAU801234	PPU107259	28%	98.8%	99.1%
SAU801234	PSY103899	27%	98.8%	99.1%
SAU801234	SAU801234	100%	100%	100%
SAU801234	SEP201527	76%	100%	99.9%
SAU801234	SHA101741	72%	99.9%	99.9%
SAU801234	SMU100494	36%	99.5%	99.9%
SAU801234	SPN401125	37%	99.5%	99.8%
SAU801234	SPY200382	35%	99.5%	99.8%
SAU801234	TPA100363	26%	99.5%	98.8%
SAU801234	UUR100139	29%	99.2%	99.0%
SAU801235	ABA102251	46%	74.3%	84.0%
SAU801235	BAN106145	63%	73.3%	100%
SAU801235	BAN102864	68%	74.0%	93.6%
SAU801235	BFR103244	46%	71.6%	94.0%
SAU801235	BPT103145	42%	72.8%	49.8%
SAU801235	BBU100076	39%	67.5%	96.8%
SAU801235	BCE109396	44%	65.9%	77.1%
SAU801235	BFU100592	44%	64.9%	63.5%
SAU801235	BMA103170	42%	72.1%	61.1%
SAU801235	CJU101131	43%	73.1%	98.6%
SAU801235	CPN200871	37%	70.0%	97.6%
SAU801235	CTR200202	36%	67.1%	95.8%
SAU801235	CAC103551	49%	72.1%	97.7%
SAU801235	CBO103745	48%	72.1%	97.7%
SAU801235	CDF101891	46%	90.1%	92.5%
SAU801235	CDP101168	38%	90.6%	75.2%
SAU801235	EBC104170	43%	91.1%	75.9%
SAU801235	EFA201601	48%	94.0%	99.5%
SAU801235	EFM200001	60%	76.7%	95.5%
SAU801235	ECO103387	43%	91.1%	74.2%
SAU801235	HIN100748	42%	90.4%	92.0%
SAU801235	HPY100750	40%	69.2%	96.6%
SAU801235	KPN308256	46%	83.7%	68.0%
SAU801235	LMO101591	70%	75%	95.1%
SAU801235	MCA101469	48%	72.1%	95.2%
SAU801235	MAV103813	46%	65.6%	63.3%
SAU801235	MBV100063	42%	48.3%	57.8%
SAU801235	MLP100992	43%	71.9%	68.8%
SAU801235	MTU202883	46%	65.6%	64.2%
SAU801235	MGE100303	40%	76.7%	93.4%
SAU801235	MPN100416	41%	70.9%	84.8%
SAU801235	NME200274	41%	82.5%	81.2%
SAU801235	PMU101519	44%	82.7%	77.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801235	PRT100781	44%	90.4%	60.0%
SAU801235	PAE200372	46%	72.8%	66.2%
SAU801235	PPU102117	47%	74.5%	62.8%
SAU801235	PSY102772	46%	74.8%	60.6%
SAU801235	SPA100292	52%	57.0%	94.0%
SAU801235	STY101273	43%	91.1%	75.6%
SAU801235	SAU801235	100%	100%	100%
SAU801235	SEP201528	82%	98.1%	99.5%
SAU801235	SHA101742	83%	100%	100%
SAU801235	SMU100011	47%	93.8%	73.3%
SAU801235	SPN401122	48%	90.9%	84.7%
SAU801235	SPY200409	51%	90.9%	72.1%
SAU801235	TPA100571	38%	68.5%	95.3%
SAU801235	UUR100140	47%	72.8%	86.6%
SAU801235	VCH100146	44%	87.3%	94.9%
SAU801235	YPS000724	44%	87.3%	64.9%
SAU801236	BAN105732	35%	38.2%	71.2%
SAU801236	BAN103174	68%	29.1%	88.9%
SAU801236	BAN108618	57%	91.8%	91.8%
SAU801236	BFR105869	36%	50.9%	31.9%
SAU801236	CAC101521	34%	90%	87.9%
SAU801236	CBO103236	38%	85.5%	92.7%
SAU801236	EFA201152	48%	96.4%	98.2%
SAU801236	EFM202076	48%	96.4%	98.2%
SAU801236	LMO101202	47%	93.6%	97.3%
SAU801236	MPN100417	31%	80.9%	87.3%
SAU801236	SAU801236	100%	100%	100%
SAU801236	SEP201529	82%	100%	100%
SAU801236	SHA101743	80%	100%	100%
SAU801236	SMU100255	50%	96.4%	96.4%
SAU801236	SPN401166	49%	96.4%	96.4%
SAU801236	SPY200916	52%	96.4%	93.8%
SAU801236	UUR100141	40%	65.5%	72.7%
SAU801237	ABA100567	51%	98.2%	95.7%
SAU801237	BAN113732	68%	73.6%	100%
SAU801237	BAN108180	75%	75.8%	100%
SAU801237	BFR10168	53%	84.2%	99.0%
SAU801237	BPT101335	49%	95.4%	95.7%
SAU801237	BBU100693	42%	94.3%	96.0%
SAU801237	BCE112884	48%	70.3%	97.5%
SAU801237	BFU115323	49%	98.5%	99.3%
SAU801237	BMA100755	49%	97.6%	99.3%
SAU801237	CJU100659	40%	97.8%	98.2%
SAU801237	CPN200646	39%	98.2%	98.4%
SAU801237	CTR200289	40%	98.5%	98.7%
SAU801237	CAC101092	62%	96.5%	98.2%
SAU801237	CBO101744	61%	96.5%	98.4%
SAU801237	CDF103672	65%	82.0%	96.9%
SAU801237	CDP101160	48%	98.0%	89.5%
SAU801237	EBC100407	50%	76.5%	94.4%
SAU801237	EFA201155	58%	98.7%	97.9%
SAU801237	EFM202293	62%	85.3%	99.7%
SAU801237	ECO102557	50%	99.3%	98.7%
SAU801237	HIN100105	50%	98.7%	97.8%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801237	HPY101135	39%	98.9%	98.2%
SAU801237	KPN301264	51%	77.4%	93.0%
SAU801237	LPN101209	47%	98.7%	96.5%
SAU801237	LMO100196	72%	100%	100%
SAU801237	MCA100840	50%	98.9%	98.9%
SAU801237	MAV103395	45%	99.3%	91.1%
SAU801237	MBV102321	47%	96.9%	88.2%
SAU801237	MLP100989	47%	95.8%	85.4%
SAU801237	MTU202878	47%	96.9%	88.2%
SAU801237	MGE100048	44%	92.1%	93.5%
SAU801237	MPN100093	41%	98.9%	96.4%
SAU801237	NGO101772	48%	98.5%	98.7%
SAU801237	NME202026	50%	98.5%	98.7%
SAU801237	PMU101183	49%	98.7%	97.8%
SAU801237	PRT100858	49%	99.3%	98.7%
SAU801237	PAE203743	50%	99.6%	98.2%
SAU801237	PPU107798	51%	99.3%	99.3%
SAU801237	PSY103783	50%	99.3%	99.3%
SAU801237	SPA101887	47%	77.8%	98.6%
SAU801237	STY102223	51%	99.3%	98.7%
SAU801237	SAU801237	100%	100%	100%
SAU801237	SEP201530	94%	100%	100%
SAU801237	SHA102361	88%	24.0%	100%
SAU801237	SMU100253	55%	99.3%	88.0%
SAU801237	SPN401165	56%	96.9%	84.3%
SAU801237	SPY200915	54%	99.1%	87.9%
SAU801237	TPA100412	41%	93.8%	95.1%
SAU801237	UUR100090	44%	93.8%	94.6%
SAU801237	VCH100550	50%	98.5%	97.0%
SAU801237	YPS003448	50%	99.3%	98.7%
SAU801238	ABA100463	43%	82.4%	91.6%
SAU801238	BFR103669	51%	91.2%	38.7%
SAU801238	BPT101149	37%	80.2%	86.0%
SAU801238	BBU100694	44%	94.5%	98.8%
SAU801238	BCE101287	40%	82.4%	89.3%
SAU801238	BFU106133	40%	82.4%	68.2%
SAU801238	BMA105933	40%	82.4%	89.3%
SAU801238	CJU100660	52%	80.2%	96%
SAU801238	CPN200645	42%	72.5%	53.8%
SAU801238	CTR200290	43%	86.8%	65.5%
SAU801238	CAC102507	53%	89.0%	98.8%
SAU801238	CBO102241	57%	91.2%	96.5%
SAU801238	CDF104187	52%	100%	96.8%
SAU801238	CDP101155	51%	92.3%	52.9%
SAU801238	EFA201163	65%	100%	98.9%
SAU801238	ECO102556	39%	82.4%	92.7%
SAU801238	HIN100194	44%	82.4%	92.7%
SAU801238	HPY101134	47%	80.2%	94.7%
SAU801238	KPN203248	41%	75.8%	95.9%
SAU801238	LPN102433	42%	82.4%	88.4%
SAU801238	LMO101675	65%	100%	100%
SAU801238	MCA100471	45%	80.2%	90.2%
SAU801238	MAV103402	52%	92.3%	48.8%
SAU801238	MBV102277	51%	92.3%	51.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801238	MLP100988	51%	92.3%	51.9%
SAU801238	MTU202871	51%	92.3%	51.2%
SAU801238	MGE100455	46%	91.2%	92.1%
SAU801238	MPN100182	51%	89.0%	90.9%
SAU801238	NGO102008	40%	83.5%	95.1%
SAU801238	NME200735	40%	83.5%	95.1%
SAU801238	PRT100822	45%	75.8%	72.9%
SAU801238	PAE203742	43%	80.2%	89.2%
SAU801238	PPU107799	40%	82.4%	69.7%
SAU801238	PSY103786	41%	85.7%	92.9%
SAU801238	SPA101888	38%	82.4%	74.5%
SAU801238	STY102221	38%	82.4%	92.7%
SAU801238	SAU801238	100%	100%	100%
SAU801238	SEP201531	87%	100%	100%
SAU801238	SHA102521	94%	56.0%	100%
SAU801238	SMU100800	61%	100%	98.9%
SAU801238	SPN400682	65%	100%	100%
SAU801238	SPY200625	62%	100%	100%
SAU801238	TPA100895	50%	82.4%	61.0%
SAU801238	UUR100575	45%	97.8%	89.1%
SAU801238	VCH100551	41%	80.2%	90.2%
SAU801238	YPS003446	42%	83.5%	92.7%
SAU801240	ABA100452	44%	93.9%	96.3%
SAU801240	BFR103869	51%	91.0%	99.6%
SAU801240	BPT101155	43%	91.4%	90.7%
SAU801240	BBU100697	45%	91.8%	94.1%
SAU801240	BCE110744	46%	90.6%	86.4%
SAU801240	BFU102064	43%	91.4%	88.8%
SAU801240	BMA102082	44%	91.4%	87.1%
SAU801240	CJU100663	38%	90.2%	96.6%
SAU801240	CPN200644	50%	91.8%	61.8%
SAU801240	CTR200291	45%	91.8%	63.4%
SAU801240	CAC101341	48%	95.9%	96.3%
SAU801240	CBO102927	52%	97.1%	97.5%
SAU801240	CDF104123	50%	91.4%	98.3%
SAU801240	CDP101153	41%	100%	97.6%
SAU801240	EBC100905	44%	97.6%	94.5%
SAU801240	EFA202296	54%	97.6%	98.0%
SAU801240	ECO102554	44%	97.6%	94.5%
SAU801240	HIN100192	45%	96.3%	96.7%
SAU801240	HPY101131	37%	91.8%	99.1%
SAU801240	KPN300514	33%	45.3%	100%
SAU801240	LPN101866	44%	97.6%	96.4%
SAU801240	LMO102506	55%	97.1%	98.4%
SAU801240	MCA100037	39%	89.8%	92%
SAU801240	MAV103396	42%	90.6%	95.0%
SAU801240	MBV102286	46%	90.2%	98.3%
SAU801240	MLP100985	45%	90.2%	95.0%
SAU801240	MTU202868	46%	90.2%	98.3%
SAU801240	MGE100454	46%	94.7%	99.1%
SAU801240	MPN100183	46%	86.1%	99.0%
SAU801240	NGO102006	46%	96.7%	96.0%
SAU801240	NME200733	46%	96.3%	95.6%
SAU801240	PMU101297	45%	97.6%	98.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801240	PRT100820	42%	97.6%	96.4%
SAU801240	PAE203740	42%	96.3%	94.8%
SAU801240	PPU107801	45%	97.1%	96%
SAU801240	PSY102681	45%	97.1%	93.0%
SAU801240	SPA101890	43%	96.7%	93.7%
SAU801240	STY102217	44%	97.6%	94.5%
SAU801240	SAU801240	100%	100%	100%
SAU801240	SEP201533	81%	99.2%	99.2%
SAU801240	SMU100806	58%	97.6%	97.9%
SAU801240	SPN400687	57%	97.6%	98.3%
SAU801240	SPY200632	58%	100%	99.2%
SAU801240	TPA100898	43%	90.6%	88%
SAU801240	UUR100574	46%	91.8%	97.8%
SAU801240	VCH100553	44%	97.1%	97.2%
SAU801240	YPS003421	43%	97.6%	98.0%
SAU801241	ABA100455	64%	95.7%	91.0%
SAU801241	BFR102397	60%	83.6%	82.9%
SAU801241	BPT100242	64%	80.2%	73.8%
SAU801241	BBU100698	55%	90.5%	86.8%
SAU801241	BCE107881	53%	92.2%	82.3%
SAU801241	BFU102066	54%	92.2%	82.9%
SAU801241	BMA100174	53%	92.2%	82.9%
SAU801241	CJU100664	56%	97.4%	97.5%
SAU801241	CPN200643	48%	94.0%	90.1%
SAU801241	CTR200292	49%	94.8%	90.9%
SAU801241	CAC102258	63%	95.7%	97.4%
SAU801241	CBO102492	60%	94.8%	96.5%
SAU801241	CDF103914	67%	97.4%	97.4%
SAU801241	CDP101148	67%	95.7%	98.2%
SAU801241	EBC100906	55%	94.0%	94.8%
SAU801241	EFA202298	74%	95.7%	96.5%
SAU801241	EFM202223	76%	95.7%	96.5%
SAU801241	ECO102553	55%	94.0%	94.8%
SAU801241	HIN100191	54%	94.0%	94.0%
SAU801241	HPY101130	49%	97.4%	97.5%
SAU801241	KPN301017	55%	94.0%	94.8%
SAU801241	LPN101449	55%	98.3%	93.4%
SAU801241	LMO102632	76%	97.4%	99.1%
SAU801241	MCA100220	63%	95.7%	89.4%
SAU801241	MAV102886	65%	94.8%	97.3%
SAU801241	MBV102292	65%	94.8%	97.3%
SAU801241	MLP100984	64%	94.8%	97.3%
SAU801241	MTU202866	65%	94.8%	97.3%
SAU801241	MGE100453	48%	94.0%	90.8%
SAU801241	MPN100184	48%	94.0%	90.8%
SAU801241	NGO102004	64%	87.9%	84.3%
SAU801241	NME200732	65%	87.9%	84.3%
SAU801241	PMU101298	55%	94.0%	94.0%
SAU801241	PRT100819	55%	94.0%	93.2%
SAU801241	PAE203739	56%	98.3%	97.4%
SAU801241	PPU107802	57%	98.3%	97.4%
SAU801241	PSY103791	58%	98.3%	97.4%
SAU801241	SPA101891	55%	94.0%	94.8%
SAU801241	STY102215	55%	94.0%	94.8%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801241	SAU801241	100%	100%	100%
SAU801241	SEP201534	93%	100%	100%
SAU801241	SMU100257	72%	95.7%	96.5%
SAU801241	SPN401170	72%	95.7%	96.5%
SAU801241	SPY200530	71%	95.7%	96.5%
SAU801241	TPA100899	57%	93.1%	87.8%
SAU801241	UUR100573	54%	95.7%	90.2%
SAU801241	VCH100554	62%	94.0%	93.2%
SAU801241	YPS003417	54%	94.0%	94.8%
SAU801243	BAN100670	54%	94.9%	99.3%
SAU801243	BAN113498	55%	97.6%	96.6%
SAU801243	BBU100642	34%	94.2%	96.4%
SAU801243	CAC103197	43%	92.5%	95.8%
SAU801243	CBO101418	41%	97.6%	97.9%
SAU801243	CDF103392	44%	94.6%	92.0%
SAU801243	EFA201280	53%	97.6%	100%
SAU801243	EFM202454	52%	97.6%	99.0%
SAU801243	LMO101914	58%	94.9%	96.9%
SAU801243	MGE100451	30%	94.6%	96.7%
SAU801243	MPN100186	29%	94.6%	96.3%
SAU801243	NGO101947	35%	93.2%	86.3%
SAU801243	NME200873	35%	93.2%	86.3%
SAU801243	SAU801243	100%	100%	100%
SAU801243	SEP201537	82%	97.6%	100%
SAU801243	SHA101010	84%	100%	100%
SAU801243	SMU100098	46%	94.2%	95.8%
SAU801243	SPN401043	45%	95.9%	97.5%
SAU801243	SPY200887	44%	96.3%	98.2%
SAU801243	UUR100599	30%	94.2%	97.4%
SAU801243	VCH103253	41%	97.3%	88.9%
SAU801246	ABA101768	62%	97.0%	99.7%
SAU801246	BAN108859	65%	98.0%	98.7%
SAU801246	BAN107819	77%	98.0%	98.7%
SAU801246	BFR12149	55%	94.0%	98.6%
SAU801246	BPT102810	60%	94.0%	98.6%
SAU801246	BCE103851	63%	95.0%	99.7%
SAU801246	BFU103478	61%	94.0%	98.6%
SAU801246	BMA108528	62%	94.0%	98.6%
SAU801246	CJU100496	54%	94.0%	98.3%
SAU801246	CPN200869	59%	92.7%	95.6%
SAU801246	CTR200204	55%	94.0%	97.6%
SAU801246	EBC102737	65%	94.0%	98.3%
SAU801246	EFA201366	24%	68.5%	20.3%
SAU801246	ECO100712	65%	94.0%	98.3%
SAU801246	HIN101170	62%	96.4%	99.3%
SAU801246	KPN300770	63%	94.0%	98.3%
SAU801246	LPN101597	62%	94.7%	98.6%
SAU801246	MAV101285	52%	92.4%	96%
SAU801246	MBV101961	51%	92.1%	94.7%
SAU801246	MLP100114	51%	92.4%	96%
SAU801246	MTU200943	51%	92.1%	94.7%
SAU801246	NGO101261	63%	97.0%	99.7%
SAU801246	NME201066	63%	97.0%	99.7%
SAU801246	PMU100281	64%	94.0%	98.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801246	PRT102068	65%	94.0%	97.9%
SAU801246	PAE201588	65%	94.7%	96.9%
SAU801246	PPU101203	64%	94.7%	97.3%
SAU801246	PSY104865	64%	94.7%	97.6%
SAU801246	SPA103281	61%	89.7%	94.4%
SAU801246	STY101933	65%	94.0%	98.3%
SAU801246	STM101672	65%	94.0%	98.3%
SAU801246	SAU801246	100%	100%	100%
SAU801246	SEP201540	93%	100%	100%
SAU801246	SHA100180	93%	86.4%	100%
SAU801246	VCH102052	66%	94.7%	98.6%
SAU801246	YPS002067	65%	94.0%	97.9%
SAU801251	BAN112697	67%	97.9%	99.8%
SAU801251	BAN101040	72%	98.9%	94.9%
SAU801251	EFA201310	71%	97.9%	97.7%
SAU801251	EFM200985	68%	99.1%	93.9%
SAU801251	LMO102370	72%	100%	100%
SAU801251	SAU801251	100%	100%	100%
SAU801251	SEP201543	91%	100%	98.2%
SAU801251	SHA100490	93%	67.1%	100%
SAU801251	SMU100122	63%	98.2%	98.2%
SAU801251	SPN400844	66%	98.2%	98.2%
SAU801251	SPY200895	65%	97.7%	96.9%
SAU801252	BAN111598	42%	96.3%	98.0%
SAU801252	BAN106190	47%	96.3%	97.7%
SAU801252	EFA201313	46%	96.3%	97.7%
SAU801252	EFM202573	45%	96.6%	93.9%
SAU801252	LMO101828	47%	97.0%	98%
SAU801252	SAU801252	100%	100%	100%
SAU801252	SEP201545	81%	98.7%	99.3%
SAU801252	SHA100491	82%	99.7%	100%
SAU801252	SPN401046	26%	79.5%	78.1%
SAU801253	BAN106152	70%	96.7%	97.8%
SAU801253	BAN100924	73%	96.7%	97.8%
SAU801253	BPT100535	56%	96.7%	96.6%
SAU801253	BBU100295	53%	95.6%	95.6%
SAU801253	BCE107448	41%	82.3%	95.5%
SAU801253	BFU106864	53%	96.7%	97.2%
SAU801253	BMA106404	52%	96.7%	82.0%
SAU801253	CJU100619	53%	93.9%	93.9%
SAU801253	EBC104505	55%	95.6%	97.2%
SAU801253	EFA201316	63%	100%	100%
SAU801253	EFM201153	63%	100%	100%
SAU801253	ECO103838	56%	95.6%	97.2%
SAU801253	HIN100475	59%	95.6%	98.3%
SAU801253	HPY100510	51%	94.5%	96.7%
SAU801253	KPN303215	54%	95.6%	97.2%
SAU801253	LPN100752	56%	96.7%	95.1%
SAU801253	LMO102574	71%	97.2%	98.9%
SAU801253	MAV106140	26%	89.0%	58.7%
SAU801253	MBV101982	27%	89.0%	61.2%
SAU801253	MLP100822	25%	89.0%	61.2%
SAU801253	MTU202077	27%	89.0%	61.2%
SAU801253	PMU101749	58%	95.6%	97.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801253	PRT101661	54%	95.6%	97.2%
SAU801253	PAE205048	57%	95.6%	97.2%
SAU801253	PPU107338	59%	96.7%	90.1%
SAU801253	PSY103571	59%	94.5%	88.0%
SAU801253	SPA106189	66%	32.6%	98.3%
SAU801253	STY103120	55%	95.6%	97.2%
SAU801253	SAU801253	100%	100%	100%
SAU801253	SEP201546	94%	98.9%	99.4%
SAU801253	SHA100492	95%	100%	100%
SAU801253	VCH102638	58%	95.6%	92.4%
SAU801253	YPS001391	56%	95.6%	98.3%
SAU801256	ABA104000	48%	96.1%	97.6%
SAU801256	BAN100446	73%	71.0%	96.8%
SAU801256	BAN110084	77%	89.0%	97.4%
SAU801256	BFR104950	47%	92.5%	84.9%
SAU801256	BPT101108	54%	86.7%	88.8%
SAU801256	BBU100122	49%	100%	98.8%
SAU801256	BCE101166	47%	92.9%	96.3%
SAU801256	BFU101939	49%	94.1%	96%
SAU801256	BMA101604	48%	92.2%	97.1%
SAU801256	CJU101107	50%	99.2%	97.0%
SAU801256	CPN200048	46%	98.8%	91.7%
SAU801256	CTR200051	45%	94.9%	85.8%
SAU801256	CAC101756	70%	89.0%	97.9%
SAU801256	CBO103187	70%	89.0%	97.9%
SAU801256	CDF101764	69%	92.9%	99.6%
SAU801256	CDP101120	54%	100%	97.0%
SAU801256	EBC103098	52%	88.2%	93.4%
SAU801256	EFA200418	70%	99.6%	95.0%
SAU801256	ECO100169	51%	88.2%	93.4%
SAU801256	HIN100892	47%	92.5%	94.8%
SAU801256	HPY101531	51%	97.6%	94.3%
SAU801256	KPN301398	51%	83.5%	93.0%
SAU801256	LPN100646	48%	96.5%	98.8%
SAU801256	LMO100442	74%	98.8%	100%
SAU801256	MCA101251	49%	98.8%	92.3%
SAU801256	MAV106404	56%	99.2%	94.2%
SAU801256	MBV102282	61%	88.6%	78.7%
SAU801256	MLP100973	61%	88.6%	81.6%
SAU801256	MTU202852	61%	88.6%	78.7%
SAU801256	MGE100072	37%	96.5%	87.0%
SAU801256	MPN100623	36%	96.5%	84.0%
SAU801256	NGO100893	46%	92.9%	97.9%
SAU801256	NME200306	46%	92.9%	97.9%
SAU801256	PMU101984	48%	92.5%	94.4%
SAU801256	PRT105507	51%	96.1%	100%
SAU801256	PAE203654	50%	92.5%	98.4%
SAU801256	PPU107884	49%	92.9%	97.1%
SAU801256	PSY108183	51%	89.8%	85.8%
SAU801256	SPA101195	49%	96.1%	100%
SAU801256	STY103848	52%	88.2%	93.4%
SAU801256	STM103561	52%	88.2%	93.4%
SAU801256	SAU801256	100%	100%	100%
SAU801256	SEP201549	94%	100%	97.3%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801256	SHA100713	93%	78.8%	96.6%
SAU801256	SMU100628	62%	99.6%	96.9%
SAU801256	SPN402017	63%	99.6%	97.3%
SAU801256	SPY201599	64%	97.6%	97.3%
SAU801256	TPA100599	58%	87.5%	76.6%
SAU801256	UUR100024	43%	86.7%	63.6%
SAU801256	VCH102226	53%	92.2%	95.5%
SAU801256	YPS001127	52%	88.2%	93.4%
SAU801257	ABA106144	43%	98.3%	97.3%
SAU801257	BAN110110	57%	96.9%	99.0%
SAU801257	BAN103067	70%	99.0%	98.3%
SAU801257	BFR10353	33%	92.5%	98.5%
SAU801257	BPT101109	46%	98.3%	97.3%
SAU801257	BBU100121	34%	88.4%	92.5%
SAU801257	BCE107064	46%	99.7%	97.6%
SAU801257	BFU100280	46%	99.7%	97.6%
SAU801257	BMA107429	44%	99.7%	97.6%
SAU801257	CJU101106	37%	99.7%	100%
SAU801257	CPN200047	37%	93.5%	99.6%
SAU801257	CTR200050	35%	93.5%	99.6%
SAU801257	CAC101812	47%	99.0%	98.7%
SAU801257	CBO101301	47%	98.6%	98.4%
SAU801257	CDF101762	53%	100%	100%
SAU801257	CDP101115	41%	93.9%	99.6%
SAU801257	EBC103096	43%	100%	99.3%
SAU801257	EFA200421	62%	100%	99.7%
SAU801257	ECO100170	43%	100%	99.3%
SAU801257	HIN100893	47%	98.3%	97.2%
SAU801257	HPY101532	37%	100%	100%
SAU801257	KPN301399	43%	100%	99.3%
SAU801257	LPN100716	44%	100%	99.7%
SAU801257	LMO102014	63%	100%	99.7%
SAU801257	MCA101252	42%	98.3%	96.9%
SAU801257	MAV106405	40%	93.9%	99.6%
SAU801257	MBV102285	40%	93.9%	99.6%
SAU801257	MLP100972	38%	93.9%	99.6%
SAU801257	MTU202851	40%	93.9%	99.6%
SAU801257	MGE100443	37%	100%	99.7%
SAU801257	MPN100211	40%	100%	99.7%
SAU801257	NGO100890	44%	100%	99.6%
SAU801257	NME200305	44%	100%	99.6%
SAU801257	PMU101985	46%	100%	99.6%
SAU801257	PRT104501	45%	100%	100%
SAU801257	PAE203653	46%	99.7%	98.3%
SAU801257	PPU107887	42%	99.7%	98.3%
SAU801257	PSY104373	44%	99.7%	98.3%
SAU801257	SPA101193	43%	100%	99.3%
SAU801257	STY103870	43%	100%	99.3%
SAU801257	STM103563	43%	100%	99.3%
SAU801257	SAU801257	100%	100%	100%
SAU801257	SEP201550	91%	99.0%	99.3%
SAU801257	SHA100714	92%	99.0%	99.3%
SAU801257	SMU100627	42%	99.7%	98.3%
SAU801257	SPN402016	42%	99.7%	98.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801257	SPY201600	42%	99.7%	98.3%
SAU801257	TPA100598	31%	91.5%	95.5%
SAU801257	UUR100520	40%	98.3%	98.6%
SAU801257	VCH102225	44%	97.3%	97.1%
SAU801257	YPS001128	44%	100%	99.3%
SAU801259	ABA101326	40%	100%	99.5%
SAU801259	BAN107492	62%	95.1%	100%
SAU801259	BAN102566	62%	98.4%	97.8%
SAU801259	BFR11093	45%	98.4%	96.8%
SAU801259	BPT101111	48%	100%	98.9%
SAU801259	BBU100120	47%	93.5%	93.5%
SAU801259	BCE106939	46%	100%	98.9%
SAU801259	BFU100278	47%	94.0%	100%
SAU801259	BMA105364	47%	100%	98.9%
SAU801259	CJU100207	41%	100%	98.4%
SAU801259	CPN200045	38%	98.4%	98.9%
SAU801259	CTR200048	38%	97.8%	98.9%
SAU801259	CAC102009	52%	100%	99.5%
SAU801259	CBO101172	50%	100%	99.5%
SAU801259	CDF101758	53%	98.9%	98.4%
SAU801259	CDP101113	45%	100%	99.5%
SAU801259	EBC103092	45%	98.9%	98.4%
SAU801259	EFA200427	60%	98.9%	98.4%
SAU801259	ECO100172	46%	98.9%	98.4%
SAU801259	HIN100788	43%	98.9%	98.4%
SAU801259	HPY101239	46%	98.4%	97.8%
SAU801259	KPN301402	46%	98.9%	98.4%
SAU801259	LPN100810	47%	100%	99.5%
SAU801259	LMO100919	59%	98.9%	98.4%
SAU801259	MCA100779	42%	100%	99.5%
SAU801259	MAV106394	46%	100%	99.5%
SAU801259	MBV102301	46%	100%	99.5%
SAU801259	MLP100969	45%	100%	99.5%
SAU801259	MTU202844	46%	100%	99.5%
SAU801259	MGE100445	35%	95.7%	94.5%
SAU801259	MPN100206	35%	97.8%	96.7%
SAU801259	NGO100813	45%	100%	99.5%
SAU801259	NME200075	44%	100%	99.5%
SAU801259	PMU101987	43%	98.9%	98.4%
SAU801259	PRT101754	43%	98.9%	98.4%
SAU801259	PAE203651	44%	100%	99.5%
SAU801259	PPU101137	46%	100%	99.5%
SAU801259	PSY109122	42%	100%	99.5%
SAU801259	SPA101723	44%	98.9%	98.4%
SAU801259	STY103872	45%	98.9%	98.4%
SAU801259	STM103585	45%	98.9%	98.4%
SAU801259	SAU801259	100%	100%	100%
SAU801259	SEP201552	91%	100%	100%
SAU801259	SHA100716	89%	100%	100%
SAU801259	SMU101141	56%	98.4%	97.8%
SAU801259	SPN400846	54%	98.4%	97.8%
SAU801259	SPY200332	60%	98.4%	97.8%
SAU801259	TPA100597	44%	94.6%	95.1%
SAU801259	UUR100518	43%	97.8%	97.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801259	VCH102223	45%	100%	99.5%
SAU801259	YPS001131	43%	98.9%	98.4%
SAU801260	ABA101323	35%	91.4%	93.6%
SAU801260	BAN110276	44%	92.6%	100%
SAU801260	BAN105083	55%	96.1%	95.7%
SAU801260	BFR102222	42%	74.2%	90.4%
SAU801260	BPT101116	41%	92.6%	93.3%
SAU801260	BBU100119	33%	91.0%	99.6%
SAU801260	BCE102153	34%	89.1%	89.1%
SAU801260	BFU100277	40%	92.6%	90.8%
SAU801260	BMA102737	40%	92.6%	90.8%
SAU801260	CJU100763	32%	88.3%	97.7%
SAU801260	CPN200180	41%	93.4%	93.5%
SAU801260	CTR200725	43%	89.1%	91.7%
SAU801260	CAC100397	52%	93.0%	93.8%
SAU801260	CBO101109	49%	95.7%	96.0%
SAU801260	CDF101757	53%	94.1%	98.8%
SAU801260	CDP100541	38%	89.5%	93.5%
SAU801260	EBC103101	41%	86.3%	96.5%
SAU801260	EFA201709	55%	94.9%	93.4%
SAU801260	EFM200654	20%	43.4%	31.5%
SAU801260	EFM202480	20%	43.4%	31.5%
SAU801260	ECO100174	43%	88.3%	89.3%
SAU801260	HIN100899	44%	91.8%	98.3%
SAU801260	HPY101204	39%	90.2%	98.3%
SAU801260	KPN301405	39%	93.8%	93.0%
SAU801260	LPN100728	33%	63.7%	98.8%
SAU801260	LMO100967	52%	98.8%	100%
SAU801260	MCA100780	38%	91.0%	94.0%
SAU801260	MAV108353	41%	91.0%	78.7%
SAU801260	MBV102605	40%	85.9%	99.1%
SAU801260	MLP100397	39%	91.0%	78.7%
SAU801260	MTU202325	39%	91.0%	78.7%
SAU801260	NGO100815	44%	93.0%	93.5%
SAU801260	NME200076	44%	93.0%	93.5%
SAU801260	PMU101989	45%	93.0%	99.2%
SAU801260	PRT105689	42%	94.9%	96.4%
SAU801260	PAE203650	39%	91.0%	92.8%
SAU801260	PPU101138	39%	91.8%	93.6%
SAU801260	PSY104368	37%	91.8%	93.6%
SAU801260	SPA101725	38%	88.3%	93.7%
SAU801260	STY103874	41%	90.6%	93.7%
SAU801260	STM103587	41%	90.6%	93.7%
SAU801260	SAU801260	100%	100%	100%
SAU801260	SEP201553	78%	100%	100%
SAU801260	SHA102731	78%	100%	100%
SAU801260	SMU101088	49%	94.9%	99.2%
SAU801260	SPN400240	53%	90.6%	91.5%
SAU801260	SPY201513	55%	89.5%	93.6%
SAU801260	TPA100596	38%	89.1%	99.1%
SAU801260	VCH102222	40%	94.1%	94.1%
SAU801260	YPS001135	40%	90.6%	92.1%
SAU801261	ABA101320	45%	46.5%	44.9%
SAU801261	BAN105383	44%	98.8%	100%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801261	BAN105024	49%	98.8%	98.9%
SAU801261	BFR103149	37%	65.4%	68.5%
SAU801261	BPT105948	35%	48.5%	46.7%
SAU801261	BCE105417	32%	98.8%	99.3%
SAU801261	BFU100276	36%	98.8%	99.3%
SAU801261	BMA102698	30%	98.8%	99.3%
SAU801261	CJU101271	42%	50%	52.3%
SAU801261	CPN200179	31%	57.7%	52.9%
SAU801261	CTR200726	27%	95%	89.5%
SAU801261	CAC100444	30%	89.6%	95.9%
SAU801261	CBO101925	31%	90.8%	98.8%
SAU801261	CDF101756	35%	95.4%	96.1%
SAU801261	CDP101112	40%	48.1%	42.8%
SAU801261	EBC103099	46%	51.9%	47.4%
SAU801261	EFA201711	42%	98.1%	98.5%
SAU801261	ECO100175	44%	51.9%	54.2%
SAU801261	HIN100898	43%	48.5%	45.1%
SAU801261	HPY100211	29%	90.4%	89.1%
SAU801261	KPN301406	43%	52.7%	52.1%
SAU801261	LPN100664	44%	47.7%	46.4%
SAU801261	LMO100426	45%	99.2%	99.6%
SAU801261	MCA100781	32%	96.5%	88.3%
SAU801261	MAV106396	40%	46.5%	38.6%
SAU801261	MBV102303	39%	51.5%	42.8%
SAU801261	MLP100968	40%	46.2%	38.1%
SAU801261	MTU202843	39%	51.5%	42.8%
SAU801261	MGE100446	26%	92.3%	76.2%
SAU801261	MPN100205	26%	87.7%	72.2%
SAU801261	NGO100817	42%	43.1%	43.0%
SAU801261	NME200077	29%	96.2%	95.5%
SAU801261	PMU101990	37%	63.1%	60.6%
SAU801261	PRT101751	35%	86.2%	73.9%
SAU801261	PAE202534	28%	96.5%	82.6%
SAU801261	PPU101140	31%	98.8%	96.7%
SAU801261	PSY104366	32%	98.8%	96.7%
SAU801261	SPA101726	45%	51.9%	54.4%
SAU801261	STY103875	45%	51.9%	47.4%
SAU801261	STM103588	45%	51.9%	47.4%
SAU801261	SAU801261	100%	100%	100%
SAU801261	SEP201554	86%	100%	100%
SAU801261	SHA100718	86%	99.6%	99.6%
SAU801261	SMU101086	41%	97.7%	98.1%
SAU801261	SPN400241	39%	98.1%	97.0%
SAU801261	SPY201512	40%	98.1%	98.5%
SAU801261	TPA100595	27%	84.6%	81.2%
SAU801261	UUR100517	30%	66.9%	56.3%
SAU801261	VCH102221	44%	49.2%	46.1%
SAU801261	YPS001137	33%	90%	78.0%
SAU801263	ABA100529	45%	98.1%	99.1%
SAU801263	BAN100354	53%	98.9%	99.6%
SAU801263	BAN103931	58%	98.9%	99.5%
SAU801263	BFR100495	27%	33.7%	4.4%
SAU801263	BPT102439	44%	99.8%	100%
SAU801263	BCE111561	55%	39.0%	99.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801263	BFU106495	45%	99.1%	98.8%
SAU801263	BMA104091	45%	99.1%	98.8%
SAU801263	CJU100505	40%	99.1%	99.5%
SAU801263	CPN200251	39%	95.6%	96.3%
SAU801263	CTR200662	36%	98.1%	96.7%
SAU801263	CAC100467	50%	98.6%	97.4%
SAU801263	CBO100123	31%	98.6%	98.7%
SAU801263	CDF100404	45%	13.4%	81.9%
SAU801263	CDF100250	47%	97.9%	97.2%
SAU801263	CDP100483	39%	95.1%	95.4%
SAU801263	EBC102546	44%	98.1%	98.6%
SAU801263	EFA200454	56%	98.8%	98.3%
SAU801263	EFM201684	55%	98.6%	98.6%
SAU801263	ECO100194	44%	99.1%	99.5%
SAU801263	HIN100709	44%	99.8%	100%
SAU801263	HPY100234	42%	93.7%	93.8%
SAU801263	KPN301911	46%	93.7%	97.8%
SAU801263	LPN102483	44%	16.6%	100%
SAU801263	LMO100624	59%	98.6%	98.8%
SAU801263	MCA101839	45%	98.4%	99.8%
SAU801263	MAV102826	40%	96.5%	97.1%
SAU801263	MBV103229	39%	96.5%	97.1%
SAU801263	MTU202807	40%	96.8%	96.7%
SAU801263	MGE100289	25%	19.8%	24.6%
SAU801263	NGO100106	49%	98.8%	99.1%
SAU801263	NME201412	49%	98.8%	99.1%
SAU801263	PMU101370	45%	99.3%	99.6%
SAU801263	PRT101177	47%	98.6%	99.1%
SAU801263	PAE200955	48%	99.1%	99.5%
SAU801263	PPU108855	47%	94.9%	98.4%
SAU801263	PSY105509	46%	99.1%	99.5%
SAU801263	SPA100809	43%	98.1%	100%
SAU801263	STY103990	45%	98.1%	98.4%
SAU801263	SAU801263	100%	100%	100%
SAU801263	SEP201556	82%	100%	100%
SAU801263	SHA101150	83%	99.8%	99.8%
SAU801263	SMU101082	47%	98.8%	99.4%
SAU801263	SPN400243	48%	98.6%	99.0%
SAU801263	SPY201510	47%	98.6%	98.9%
SAU801263	TPA100158	38%	93.1%	93.4%
SAU801263	VCH100859	45%	99.1%	99.6%
SAU801263	YPS002005	44%	99.1%	99.5%
SAU801264	BAN108834	41%	90.5%	99.1%
SAU801264	BAN108033	59%	99.9%	100%
SAU801264	CAC101590	45%	93.0%	95.0%
SAU801264	CBO102746	46%	95.2%	94.8%
SAU801264	CDF103797	46%	99.4%	99.9%
SAU801264	EFA200457	54%	99.9%	99.9%
SAU801264	EFM200946	55%	99.4%	99.4%
SAU801264	LMO102727	57%	99.6%	99.5%
SAU801264	MGE100031	37%	87.1%	89.7%
SAU801264	MPN100120	37%	85.5%	86.1%
SAU801264	SAU801264	100%	100%	100%
SAU801264	SEP201557	90%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801264	SHA103204	91%	100%	100%
SAU801264	SMU101474	49%	99.4%	99.5%
SAU801264	SPN400251	49%	99.4%	99.5%
SAU801264	SPY201509	49%	99.4%	99.5%
SAU801264	UUR100379	39%	83.1%	84.4%
SAU801269	ABA104593	42%	95.9%	77.4%
SAU801269	BAN113310	47%	98.2%	98.0%
SAU801269	BAN110029	65%	100%	100%
SAU801269	BFR11714	43%	99.0%	73.5%
SAU801269	BPT100248	47%	91.6%	73.7%
SAU801269	BBU100800	45%	90.6%	72.1%
SAU801269	BCE101969	52%	82.7%	80.2%
SAU801269	BFU100867	50%	89.2%	63.8%
SAU801269	BMA109716	48%	92.8%	67.6%
SAU801269	CJU100125	43%	15.3%	2.2%
SAU801269	CPN200434	41%	92.1%	74.4%
SAU801269	CTR200365	42%	89.8%	71.7%
SAU801269	CAC100425	52%	100%	99.7%
SAU801269	CBO103185	54%	100%	97.9%
SAU801269	CDF102888	58%	81.4%	89.3%
SAU801269	CDP100479	50%	81.6%	96.7%
SAU801269	EBC101431	48%	99.6%	79.5%
SAU801269	EFA200621	61%	9.9%	0.9%
SAU801269	EFM201052	62%	94.5%	95.8%
SAU801269	ECO103100	48%	99.6%	77.3%
SAU801269	HIN101252	47%	100%	84.8%
SAU801269	HPY101031	44%	94.6%	68.3%
SAU801269	KPN301426	48%	99.0%	83.6%
SAU801269	LPN102343	53%	61.6%	99.5%
SAU801269	LMO100282	63%	100%	99.9%
SAU801269	MCA100802	46%	93.8%	75.8%
SAU801269	MAV100286	48%	81.6%	96.1%
SAU801269	MBV104310	50%	61.6%	99.8%
SAU801269	MLP100953	49%	81.6%	63.4%
SAU801269	MTU202801	49%	81.6%	65.1%
SAU801269	MGE100144	46%	81.8%	92.9%
SAU801269	MPN100676	42%	86.4%	99.4%
SAU801269	NGO101494	47%	93.2%	84.0%
SAU801269	NME201748	48%	92.1%	68.2%
SAU801269	PMU100759	46%	100%	84.2%
SAU801269	PRT102425	52%	90.5%	68.3%
SAU801269	PAE204740	48%	92.9%	77.4%
SAU801269	PPU108488	46%	94.9%	79.4%
SAU801269	PSY104832	51%	78.6%	99.6%
SAU801269	SPA101256	53%	65.4%	99.6%
SAU801269	STY101473	48%	99.6%	77.1%
SAU801269	SAU801269	100%	100%	100%
SAU801269	SEP201562	87%	100%	98.9%
SAU801269	SHA100514	87%	100%	98.9%
SAU801269	SMU100784	57%	16.0%	4.6%
SAU801269	SPN400481	56%	16.2%	3.2%
SAU801269	SPY201321	55%	15.5%	10.2%
SAU801269	TPA100881	49%	87.7%	74.0%
SAU801269	UUR100322	48%	85.2%	98.9%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801269	VCH100631	48%	99.6%	76.8%
SAU801269	YPS001051	49%	96.9%	75.1%
SAU801273	ABA104153	55%	100%	100%
SAU801273	BAN112139	78%	100%	100%
SAU801273	BAN112261	78%	100%	100%
SAU801273	BFR101219	61%	34.8%	96.9%
SAU801273	BPT102559	51%	100%	100%
SAU801273	BBU100803	50%	97.8%	98.9%
SAU801273	BCE114521	53%	100%	100%
SAU801273	BFU106341	53%	98.9%	97.8%
SAU801273	BMA104593	53%	100%	100%
SAU801273	CJU100816	48%	98.9%	97.8%
SAU801273	CPN200838	49%	100%	100%
SAU801273	CTR200226	49%	100%	100%
SAU801273	CAC101338	58%	97.8%	100%
SAU801273	CBO102464	59%	100%	85.6%
SAU801273	CDF100875	71%	92.1%	96.5%
SAU801273	CDP100449	60%	100%	100%
SAU801273	EBC103888	55%	100%	100%
SAU801273	EFA202022	77%	100%	100%
SAU801273	EFM202414	76%	100%	100%
SAU801273	ECO103097	55%	100%	100%
SAU801273	HIN101437	53%	100%	100%
SAU801273	HIN101294	53%	100%	100%
SAU801273	HPY101023	50%	98.9%	97.8%
SAU801273	KPN301430	56%	100%	100%
SAU801273	LPN100705	45%	69.7%	95.4%
SAU801273	LMO101938	80%	100%	100%
SAU801273	MCA100389	53%	100%	100%
SAU801273	MAV100300	57%	100%	100%
SAU801273	MBV101245	59%	100%	100%
SAU801273	MLP100514	60%	100%	100%
SAU801273	MTU202747	59%	100%	100%
SAU801273	MGE100434	45%	91.0%	94.2%
SAU801273	MPN100220	44%	91.0%	94.2%
SAU801273	NGO100722	52%	100%	100%
SAU801273	NME200754	52%	100%	100%
SAU801273	PMU100301	53%	100%	100%
SAU801273	PRT102435	57%	100%	100%
SAU801273	PAE204737	56%	100%	100%
SAU801273	PPU105055	56%	100%	100%
SAU801273	PSY104828	55%	70.8%	100%
SAU801273	SPA101259	51%	100%	100%
SAU801273	STY101470	53%	100%	100%
SAU801273	SAU801273	100%	100%	100%
SAU801273	SEP201566	93%	100%	100%
SAU801273	SHA100171	94%	100%	100%
SAU801273	SMU101327	65%	100%	100%
SAU801273	SPN401466	67%	100%	100%
SAU801273	SPY201503	65%	100%	100%
SAU801273	TPA100877	48%	100%	100%
SAU801273	UUR100204	44%	98.9%	98.9%
SAU801273	VCH100634	59%	100%	100%
SAU801273	YPS006344	53%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801274	ABA106110	46%	98.6%	98.3%
SAU801274	BAN109088	42%	99.7%	98.9%
SAU801274	BAN100469	66%	99.7%	97.3%
SAU801274	BFR11379	47%	97.9%	89.2%
SAU801274	BPT102560	49%	99.0%	96.5%
SAU801274	BBU100804	45%	98.3%	98.6%
SAU801274	BCE107587	48%	99.1%	97.3%
SAU801274	BFU106344	47%	99.1%	97.2%
SAU801274	BMA106616	48%	97.7%	89.6%
SAU801274	CJU101178	41%	95.7%	96.9%
SAU801274	CPN200839	46%	98.1%	98.3%
SAU801274	CTR200225	46%	98.0%	98.1%
SAU801274	CAC102635	52%	98.3%	97.3%
SAU801274	CBO102281	52%	98.3%	97.6%
SAU801274	CDF100877	56%	99.3%	98.4%
SAU801274	CDP100447	44%	97.4%	95.2%
SAU801274	EBC103885	49%	99.1%	96.8%
SAU801274	EFA202028	62%	99.3%	98.6%
SAU801274	EFM200260	62%	99.3%	94.3%
SAU801274	ECO103096	49%	99.1%	93.9%
SAU801274	HIN100220	48%	98.3%	96.3%
SAU801274	HPY101196	38%	95.0%	96.2%
SAU801274	KPN301429	49%	99.1%	96.9%
SAU801274	LPN101324	50%	97.1%	92.6%
SAU801274	LMO100657	66%	99.6%	96.0%
SAU801274	MCA100390	49%	98.4%	98.7%
SAU801274	MAV100299	44%	96.8%	93.7%
SAU801274	MBV101241	45%	96.8%	94.0%
SAU801274	MLP100515	43%	96.8%	91.8%
SAU801274	MTU202745	45%	96.8%	94.0%
SAU801274	NGO102045	49%	99.7%	98.3%
SAU801274	NME200892	49%	99.3%	98.0%
SAU801274	PMU101114	48%	97.3%	95.1%
SAU801274	PRT102434	48%	98.3%	96.3%
SAU801274	PAE204736	50%	97.0%	96.4%
SAU801274	PPU105054	50%	98.3%	97.9%
SAU801274	PSY104827	47%	83.7%	97.8%
SAU801274	SPA101063	45%	11.7%	55.2%
SAU801274	STY100979	49%	98.6%	96.3%
SAU801274	SAU801274	100%	100%	100%
SAU801274	SEP201567	91%	100%	99.6%
SAU801274	SHA100393	52%	26.6%	100%
SAU801274	SHA101099	91%	99.1%	100%
SAU801274	SMU101329	58%	99.1%	94.9%
SAU801274	SPN400516	57%	99.1%	89.4%
SAU801274	SPY201498	58%	99.1%	97.6%
SAU801274	TPA100876	44%	97.0%	96.0%
SAU801274	VCH100635	49%	99.6%	97.7%
SAU801274	YPS001047	49%	98.0%	96.6%
SAU801275	BAN106546	41%	99.3%	99.1%
SAU801275	BAN109546	51%	99.3%	99.6%
SAU801275	EFA200747	46%	98.9%	97.9%
SAU801275	EFM200896	45%	98.0%	97.5%
SAU801275	LMO100794	51%	99.1%	99.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801275	SAU801275	100%	100%	100%
SAU801275	SEP201568	93%	100%	97.4%
SAU801275	SHA101100	91%	100%	98.1%
SAU801275	SMU100333	43%	98.4%	99.5%
SAU801275	SPN400538	40%	98.2%	99.3%
SAU801275	SPY200771	43%	98.4%	99.5%
SAU801279	ABA105498	21%	96.5%	45.3%
SAU801279	BAN107286	44%	97.0%	97.2%
SAU801279	BAN100894	46%	97.0%	97.0%
SAU801279	BFR10509	27%	47.2%	47.2%
SAU801279	BPT103765	24%	96.5%	44.3%
SAU801279	BBU100535	29%	58.9%	27.4%
SAU801279	CJU100744	22%	85.3%	86.1%
SAU801279	CPN200887	23%	44.6%	19.9%
SAU801279	CTR200185	25%	46.0%	20.6%
SAU801279	CAC101568	23%	67.3%	32.7%
SAU801279	CBO100728	23%	95.3%	88.2%
SAU801279	CDF103715	39%	99.8%	98.8%
SAU801279	EBC102726	21%	45.1%	26.4%
SAU801279	EFA201528	41%	96.7%	95.9%
SAU801279	EFM200625	40%	97.0%	97.2%
SAU801279	ECO101465	27%	53.0%	25.5%
SAU801279	HIN101334	23%	52.6%	24.6%
SAU801279	HPY100995	22%	85.0%	81.1%
SAU801279	KPN305142	22%	45.8%	21.1%
SAU801279	LPN100962	22%	64.5%	79.0%
SAU801279	LMO100434	41%	97.9%	97.2%
SAU801279	MCA101028	25%	58.6%	52.1%
SAU801279	MAV100298	29%	38.8%	37.2%
SAU801279	MBV101239	26%	39.7%	39.7%
SAU801279	MLP100516	27%	48.4%	47.6%
SAU801279	MTU202744	26%	39.7%	39.7%
SAU801279	PMU100804	23%	65.4%	30.8%
SAU801279	PRT105970	25%	49.5%	22.9%
SAU801279	PAE200371	23%	91.8%	91.0%
SAU801279	PPU102118	22%	82.9%	81.4%
SAU801279	PSY102770	23%	82.9%	81.6%
SAU801279	SPA102439	19%	55.1%	23.9%
SAU801279	SAU801279	100%	100%	100%
SAU801279	SEP201578	79%	99.8%	99.5%
SAU801279	SHA100451	80%	99.8%	99.8%
SAU801279	SMU101391	29%	95.3%	94.4%
SAU801279	SPN402026	33%	94.6%	93.7%
SAU801279	SPY201681	31%	93.7%	93.2%
SAU801279	TPA100024	23%	34.8%	16.7%
SAU801279	VCH100544	22%	93.0%	41.7%
SAU801279	YPS001083	21%	46.7%	20.8%
SAU801280	BAN105196	34%	98.7%	100%
SAU801280	BAN100845	38%	98.7%	97.9%
SAU801280	LMO101523	37%	98.3%	96.3%
SAU801280	SAU801280	100%	100%	100%
SAU801280	SEP201580	64%	100%	100%
SAU801280	SHA100452	66%	100%	100%
SAU801281	BAN104875	55%	86.2%	97.1%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801281	BAN100345	62%	93.8%	98.9%
SAU801281	SAU801281	100%	100%	100%
SAU801281	SEP201582	89%	100%	100%
SAU801281	SHA102814	88%	100%	100%
SAU801282	ABA105298	26%	57.7%	28.1%
SAU801282	BAN100109	25%	93.8%	38.1%
SAU801282	BAN102965	26%	96.2%	42.2%
SAU801282	BPT104503	26%	53.1%	41.1%
SAU801282	BCE107711	25%	57.7%	22.2%
SAU801282	BFU107885	25%	57.7%	20.3%
SAU801282	BMA105226	26%	55.4%	20%
SAU801282	CPN200766	30%	53.1%	48.3%
SAU801282	CTR200272	19%	97.7%	86.8%
SAU801282	EFA201529	38%	57.7%	26.0%
SAU801282	EFM201058	29%	93.8%	44.9%
SAU801282	ECO203392	26%	61.5%	23.7%
SAU801282	HIN100346	20%	78.5%	29.0%
SAU801282	LPN100742	21%	50%	34.4%
SAU801282	LMO100900	31%	77.7%	30.7%
SAU801282	PMU102009	21%	88.5%	36.8%
SAU801282	PAE203801	25%	94.6%	31.7%
SAU801282	PPU101372	23%	87.7%	31.3%
SAU801282	STY101725	23%	87.7%	35.8%
SAU801282	SAU801282	100%	100%	100%
SAU801282	SEP201584	62%	99.2%	99.2%
SAU801282	SHA100455	69%	53.1%	100%
SAU801282	SPN402025	29%	93.8%	46.0%
SAU801282	SPY201680	27%	76.2%	24.6%
SAU801282	TPA100330	34%	56.2%	18.0%
SAU801282	VCH100745	30%	53.8%	17.8%
SAU801282	YPS003236	24%	87.7%	33.6%
SAU801286	BAN101235	48%	99.6%	99.8%
SAU801286	BAN102202	68%	99.2%	99.6%
SAU801286	BFR11955	42%	99.0%	99.8%
SAU801286	BBU100503	45%	98.5%	98.4%
SAU801286	BCE102283	25%	13.9%	34.8%
SAU801286	CJU101134	43%	99.6%	100%
SAU801286	CTR200895	25%	24.1%	28.6%
SAU801286	CAC102280	58%	99.8%	99.2%
SAU801286	CBO100216	49%	45.7%	98.7%
SAU801286	CDF100051	76%	21.8%	93.4%
SAU801286	CDF100869	58%	99.2%	97.7%
SAU801286	EBC104561	30%	16.2%	13.2%
SAU801286	EFA201506	65%	99.6%	99.8%
SAU801286	EFM100483	63%	97.7%	100%
SAU801286	HIN100903	33%	15.8%	12.9%
SAU801286	HPY100747	38%	84.4%	92.0%
SAU801286	KPN108885	24%	27.7%	83.9%
SAU801286	LMO101581	68%	99.4%	99.2%
SAU801286	MAV108578	40%	11.2%	13.0%
SAU801286	MBV102427	23%	32.2%	70.2%
SAU801286	MLP100500	30%	17.5%	22.1%
SAU801286	MTU201661	23%	32.2%	64.9%
SAU801286	MGE100132	26%	46.2%	49.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801286	MPN100564	26%	47.2%	50.5%
SAU801286	SAU801286	100%	100%	100%
SAU801286	SEP201589	93%	100%	100%
SAU801286	SHA101288	93%	100%	100%
SAU801286	SMU101495	54%	99.6%	100%
SAU801286	SPN401582	54%	100%	100%
SAU801286	SPY201258	52%	99.6%	100%
SAU801286	TPA101008	49%	98.5%	99.2%
SAU801286	UUR100083	32%	81.9%	88.2%
SAU801296	ABA100502	35%	99.7%	87.6%
SAU801296	BAN112441	36%	98.6%	89.0%
SAU801296	BAN105004	46%	100%	88.8%
SAU801296	BFR102385	34%	99.5%	87.7%
SAU801296	BPT102145	34%	99.7%	84.4%
SAU801296	BBU100796	29%	99.2%	88.1%
SAU801296	BCE113665	36%	83.9%	86.0%
SAU801296	BFU100247	52%	18.9%	64.9%
SAU801296	BMA101183	35%	91.6%	77.6%
SAU801296	CPN200903	35%	88.4%	85.3%
SAU801296	CTR200169	34%	88.8%	86.5%
SAU801296	CAC101879	43%	100%	88.6%
SAU801296	CBO101875	42%	100%	89.3%
SAU801296	CDF101333	41%	100%	88.6%
SAU801296	EBC104328	36%	88.8%	85.7%
SAU801296	EFA201508	50%	99.9%	88.2%
SAU801296	EFM202291	49%	99.9%	88.5%
SAU801296	ECO102673	37%	88.8%	81.2%
SAU801296	HIN100686	36%	93.7%	84.7%
SAU801296	KPN300176	27%	15.8%	80.9%
SAU801296	KPN303856	36%	88.8%	81.2%
SAU801296	LPN100294	46%	29.6%	76.8%
SAU801296	LMO102476	52%	99.9%	88.5%
SAU801296	NGO100025	34%	99.9%	88.8%
SAU801296	NME200231	35%	99.9%	88.0%
SAU801296	PMU101830	35%	99.4%	87.8%
SAU801296	PRT104418	35%	99.4%	87.2%
SAU801296	PAE203618	35%	89.0%	81.4%
SAU801296	PPU106720	34%	99.7%	88.1%
SAU801296	PSY104425	36%	89.0%	81.4%
SAU801296	SPA101071	34%	87.6%	92.6%
SAU801296	STY103352	37%	88.8%	81.1%
SAU801296	STM103830	37%	88.8%	81.1%
SAU801296	SAU801296	100%	100%	100%
SAU801296	SEP201609	79%	100%	88.4%
SAU801296	SHA101666	82%	88.2%	87.8%
SAU801296	SMU101244	43%	99.9%	88.2%
SAU801296	SPN401885	43%	99.9%	86.8%
SAU801296	SPY201640	42%	99.9%	88.2%
SAU801296	TPA100324	34%	100%	87.8%
SAU801296	VCH100525	37%	88.6%	80.5%
SAU801296	YPS000071	38%	88.8%	81.4%
SAU801297	ABA100436	30%	99.4%	98.3%
SAU801297	BAN110763	44%	97.5%	100%
SAU801297	BAN112909	46%	99.9%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801297	BFR100255	29%	98.7%	98.9%
SAU801297	BPT102215	35%	99.3%	98.7%
SAU801297	BBU100210	30%	99.7%	99.8%
SAU801297	BCE101069	39%	99.3%	96.4%
SAU801297	BFU105240	39%	99.3%	95.2%
SAU801297	BMA108596	38%	99.3%	95.5%
SAU801297	CPN201040	31%	87.0%	86.4%
SAU801297	CTR200853	35%	48.7%	56.6%
SAU801297	CAC102986	33%	99.6%	99.7%
SAU801297	CBO103041	32%	99.9%	99.8%
SAU801297	CDF101334	34%	98.2%	98.0%
SAU801297	EBC102001	41%	96.4%	96.1%
SAU801297	EFA201509	43%	99.9%	99.4%
SAU801297	EFM201334	45%	99.9%	99.4%
SAU801297	ECO104060	38%	49.2%	54.5%
SAU801297	HIN100066	28%	83.0%	84.3%
SAU801297	KPN300048	43%	25.0%	99.4%
SAU801297	KPN301336	39%	50.4%	55.4%
SAU801297	LPN100571	38%	48.9%	57.3%
SAU801297	LMO100388	49%	99.6%	99.3%
SAU801297	NGO100175	31%	99.7%	99.7%
SAU801297	NME201515	30%	99.7%	99.7%
SAU801297	PMU100904	40%	48.0%	52.8%
SAU801297	PRT104001	28%	92.1%	91.9%
SAU801297	PAE204941	39%	99.4%	98.9%
SAU801297	PPU106702	40%	99.4%	98.9%
SAU801297	PSY101062	40%	99.4%	96.4%
SAU801297	SPA101227	48%	28.4%	73.3%
SAU801297	STY103745	40%	47.8%	53.4%
SAU801297	STM103526	40%	47.8%	53.4%
SAU801297	SAU801297	100%	100%	100%
SAU801297	SEP201920	75%	100%	100%
SAU801297	SHA101443	75%	100%	100%
SAU801297	SMU101239	42%	99.9%	98.0%
SAU801297	SPN400160	40%	99.9%	98.0%
SAU801297	SPY201621	41%	99.9%	98.0%
SAU801297	TPA100300	34%	99.3%	94.3%
SAU801297	UUR100579	22%	24.8%	33.6%
SAU801297	VCH100340	29%	87.9%	88.4%
SAU801297	YPS003494	39%	47.8%	51.8%
SAU801301	ABA103732	60%	98.8%	98.0%
SAU801301	BAN107568	66%	41.6%	93.2%
SAU801301	BAN110463	78%	79.1%	99.5%
SAU801301	BPT102742	50%	98.6%	97.2%
SAU801301	BBU100240	56%	97.8%	97.2%
SAU801301	BCE105610	30%	96.6%	95.3%
SAU801301	BFU103471	55%	99.2%	98.8%
SAU801301	BMA108603	55%	99.2%	95.2%
SAU801301	CAC100927	58%	99.0%	99.2%
SAU801301	CBO103256	63%	98.2%	96.1%
SAU801301	CDF103106	63%	99.8%	98.2%
SAU801301	CDP100653	50%	98.4%	98.2%
SAU801301	EBC104504	61%	98.2%	97.4%
SAU801301	EFA202255	64%	99.4%	98.6%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801301	EFM201617	62%	96.2%	99.8%
SAU801301	ECO103832	61%	99.4%	98.6%
SAU801301	HIN100672	58%	98.2%	97.2%
SAU801301	HPY200804	33%	10.8%	19.2%
SAU801301	KPN300967	61%	98.2%	97.2%
SAU801301	LPN100925	47%	97.6%	98.0%
SAU801301	LMO101597	69%	99.4%	99.6%
SAU801301	MAV103198	51%	98.4%	97.6%
SAU801301	MBV104620	51%	98.2%	99%
SAU801301	MLP101379	50%	98.4%	97.6%
SAU801301	MTU203642	51%	98.2%	95.7%
SAU801301	MGE100038	47%	99.4%	98.6%
SAU801301	MPN100104	48%	98.6%	97.8%
SAU801301	PMU101446	59%	99.8%	99.0%
SAU801301	PRT101873	60%	98.8%	96.7%
SAU801301	PAE203580	61%	98.8%	97.4%
SAU801301	PPU101510	61%	98.8%	97.4%
SAU801301	PSY105188	60%	98.8%	97.0%
SAU801301	SPA101671	59%	99.4%	98.8%
SAU801301	STY103131	61%	99.4%	98.8%
SAU801301	SAU801301	100%	100%	100%
SAU801301	SEP201925	86%	100%	99.8%
SAU801301	SHA100389	86%	100%	99.8%
SAU801301	SPN401988	63%	99.2%	98.4%
SAU801301	SPY201295	64%	99.8%	97.8%
SAU801301	VCH103465	58%	99.2%	97.8%
SAU801301	YPS003517	39%	97.4%	97.4%
SAU801303	BAN106168	27%	98.4%	96.8%
SAU801303	BAN103220	31%	98.4%	98.7%
SAU801303	BFR103324	24%	48.7%	37.1%
SAU801303	CAC101453	33%	35.2%	30.9%
SAU801303	CBO101891	31%	100%	99.0%
SAU801303	CDF101626	34%	39.1%	77.8%
SAU801303	CDP100635	25%	87.8%	85.8%
SAU801303	EBC103957	30%	46.4%	43.6%
SAU801303	EFA202448	32%	98.0%	98.4%
SAU801303	ECO103737	28%	40.5%	37.1%
SAU801303	HIN100626	21%	88.5%	81.8%
SAU801303	KPN303520	28%	46.4%	43.6%
SAU801303	LPN102659	25%	31.6%	31.8%
SAU801303	LMO101007	32%	97.4%	97.4%
SAU801303	MCA103128	27%	88.8%	100%
SAU801303	MAV102145	21%	90.5%	90.3%
SAU801303	NME300873	22%	46.7%	51.6%
SAU801303	PAE203299	29%	98.7%	95.6%
SAU801303	PPU108432	29%	98.7%	96.5%
SAU801303	SPA101172	28%	46.4%	42.6%
SAU801303	STY102009	30%	48.0%	44.4%
SAU801303	STM101115	30%	48.0%	44.4%
SAU801303	SAU801303	100%	100%	100%
SAU801303	SEP201929	51%	100%	99.4%
SAU801303	SHA102823	55%	98.7%	98.0%
SAU801303	VCH100134	26%	30.6%	28.4%
SAU801303	YPS001338	25%	48.0%	44.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801310	ABA100417	35%	96.9%	98.1%
SAU801310	BAN105748	72%	98.9%	99.3%
SAU801310	BAN104448	75%	98.9%	99.3%
SAU801310	BFR11190	26%	91.0%	86.4%
SAU801310	BPT102675	37%	97.3%	92.8%
SAU801310	BCE102837	39%	84.1%	85.6%
SAU801310	BFU101392	37%	93.0%	99.1%
SAU801310	BMA100200	39%	84.1%	85.6%
SAU801310	CJU100649	38%	93.0%	93.5%
SAU801310	CAC103422	34%	27.6%	19.7%
SAU801310	CBO100732	23%	85.9%	70.9%
SAU801310	CDF100645	29%	21.5%	19.9%
SAU801310	CDP100410	37%	88.8%	89.3%
SAU801310	EBC103135	40%	88.1%	89.3%
SAU801310	EFA201729	71%	100%	100%
SAU801310	EFM202549	71%	100%	100%
SAU801310	ECO103776	39%	90.6%	91.7%
SAU801310	HIN100845	39%	88.6%	89.2%
SAU801310	HPY100507	36%	93.3%	93.8%
SAU801310	KPN301351	40%	88.1%	89.3%
SAU801310	LPN101888	34%	97.8%	99.1%
SAU801310	LMO101667	75%	98.9%	99.3%
SAU801310	MCA100914	38%	87.2%	88.7%
SAU801310	MAV103088	42%	97.8%	98.7%
SAU801310	MBV103559	42%	97.8%	98.7%
SAU801310	MLP100995	43%	97.8%	98.7%
SAU801310	MTU202188	42%	97.8%	98.7%
SAU801310	NGO100777	38%	87.4%	82.0%
SAU801310	NME201965	38%	87.4%	88.8%
SAU801310	PMU101175	38%	92.6%	92.8%
SAU801310	PRT102825	39%	88.1%	89.3%
SAU801310	PAE205114	37%	95.7%	97.4%
SAU801310	PPU106798	36%	95.7%	97.6%
SAU801310	PSY103100	37%	95.7%	97.6%
SAU801310	SPA103892	39%	90.6%	91.7%
SAU801310	STY103416	40%	90.6%	91.7%
SAU801310	SAU801310	100%	100%	100%
SAU801310	SEP201943	95%	100%	100%
SAU801310	SHA100843	94%	89.2%	100%
SAU801310	SMU100694	66%	98.7%	99.3%
SAU801310	SPN400444	65%	98.7%	99.3%
SAU801310	SPY201446	64%	98.7%	99.3%
SAU801310	VCH102707	38%	92.8%	93.6%
SAU801310	YPS001320	38%	88.8%	90.0%
SAU801321	BAN105583	26%	97.8%	94.7%
SAU801321	BAN102074	29%	94.2%	90.7%
SAU801321	CAC102608	24%	88.4%	89.4%
SAU801321	EFM101112	28%	53.4%	60.4%
SAU801321	MGE100396	23%	27.8%	76.5%
SAU801321	SAU801321	100%	100%	100%
SAU801321	SEP201965	50%	97.5%	97.3%
SAU801321	SHA102754	50%	73.0%	99.3%
SAU801321	SMU101032	36%	61.2%	95.7%
SAU801321	SPN401813	30%	92.0%	91.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801321	UUR100029	23%	39.9%	56.7%
SAU801322	BAN105174	44%	79.5%	100%
SAU801322	BAN104200	45%	100%	100%
SAU801322	SAU801322	100%	100%	100%
SAU801322	SEP201967	69%	100%	100%
SAU801322	SHA100761	69%	100%	100%
SAU801322	SMU101030	49%	98%	98.5%
SAU801322	SPN401812	50%	98.5%	99.0%
SAU801330	BAN111952	38%	84.9%	91.5%
SAU801330	BAN108525	43%	90.1%	89.2%
SAU801330	CJU100123	26%	96.1%	98.6%
SAU801330	CAC103773	29%	85.5%	86.5%
SAU801330	CBO102527	33%	88.8%	87.7%
SAU801330	CDF102912	34%	93.8%	93%
SAU801330	CDP100062	31%	84.9%	84.4%
SAU801330	EBC102666	26%	89.5%	90.3%
SAU801330	EFA200377	41%	96.7%	99.3%
SAU801330	ECO100003	26%	89.5%	90%
SAU801330	HIN100087	30%	85.2%	86.3%
SAU801330	HPY101033	24%	95.7%	97.6%
SAU801330	KPN302083	27%	89.5%	90.3%
SAU801330	LMO102232	39%	96.7%	99.0%
SAU801330	MAV106529	30%	85.5%	84.6%
SAU801330	MBV105500	28%	86.5%	71.7%
SAU801330	MLP100697	30%	86.5%	84.4%
SAU801330	MTU201279	28%	86.5%	84.2%
SAU801330	PMU100114	29%	85.2%	86.3%
SAU801330	PRT105493	28%	85.2%	86.1%
SAU801330	SPA100290	26%	90.1%	91.2%
SAU801330	STY100368	26%	89.5%	90.3%
SAU801330	STM100041	26%	89.5%	90.3%
SAU801330	SAU801330	100%	100%	100%
SAU801330	SEP201983	67%	99.7%	99.0%
SAU801330	SHA100711	70%	99.7%	99.3%
SAU801330	SMU100986	40%	96.7%	98.6%
SAU801330	SPN401217	40%	96.7%	98.6%
SAU801330	VCH102328	30%	87.5%	87.4%
SAU801330	YPS000770	26%	85.2%	86.1%
SAU801331	BAN105201	34%	98.9%	100%
SAU801331	BAN104169	39%	98.9%	96.7%
SAU801331	BFR104366	30%	98.1%	94.9%
SAU801331	BFR11663	34%	98.9%	64.9%
SAU801331	BPT104731	21%	89.5%	82.6%
SAU801331	BCE113428	44%	20.2%	60%
SAU801331	BFU104191	25%	98.5%	96.3%
SAU801331	CAC103083	29%	98.9%	98.5%
SAU801331	CBO101559	29%	98.9%	98.5%
SAU801331	CDF103997	30%	98.9%	96.4%
SAU801331	EBC104368	28%	98.5%	98.1%
SAU801331	EFA201290	32%	98.5%	98.9%
SAU801331	EFM100732	29%	93.3%	98.8%
SAU801331	ECO103618	28%	97.8%	97.4%
SAU801331	HIN100003	28%	98.1%	97.7%
SAU801331	HPY200593	32%	34.8%	45.4%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801331	KPN302267	28%	97.8%	97.4%
SAU801331	LMO102909	33%	98.5%	98.2%
SAU801331	MCA102858	42%	26.2%	29.3%
SAU801331	PMU101555	25%	97.8%	94.4%
SAU801331	PRT100132	28%	98.5%	98.9%
SAU801331	PAE204955	27%	50.6%	30.3%
SAU801331	PPU111047	27%	40.8%	27.2%
SAU801331	SPA101786	28%	97.8%	92.0%
SAU801331	STY103971	28%	97.8%	97.4%
SAU801331	STM101116	27%	98.5%	98.5%
SAU801331	SAU801331	100%	100%	100%
SAU801331	SEP201985	71%	100%	99.6%
SAU801331	SHA100712	67%	100%	100%
SAU801331	SMU101554	31%	97.8%	97.4%
SAU801331	SPN401169	29%	97.4%	97.4%
SAU801331	SPY200445	30%	97.8%	97.4%
SAU801331	UUR100576	24%	95.9%	95.7%
SAU801331	VCH101344	31%	98.1%	96.3%
SAU801331	YPS003424	30%	98.5%	98.5%
SAU801342	ABA100381	46%	98.5%	98.0%
SAU801342	BAN111549	56%	57.1%	100%
SAU801342	BAN102492	60%	100%	97.8%
SAU801342	BFR11813	40%	98.8%	98.5%
SAU801342	BPT100911	44%	98.0%	97.6%
SAU801342	BCE113404	46%	98.0%	95.2%
SAU801342	BFU103444	46%	98.2%	96.4%
SAU801342	BMA106204	46%	98.0%	95.2%
SAU801342	CJU101551	44%	98.9%	98.9%
SAU801342	CPN200956	46%	98.0%	97.3%
SAU801342	CTR200126	45%	98.3%	97.4%
SAU801342	CAC102328	54%	98.3%	97.9%
SAU801342	CAC101106	54%	99.2%	98.8%
SAU801342	CBO103315	34%	99.1%	98.6%
SAU801342	CDF103784	36%	40.0%	93.5%
SAU801342	CDP100257	45%	98.9%	95.7%
SAU801342	EBC103706	45%	98.5%	98.6%
SAU801342	EFA201838	59%	98.5%	99.7%
SAU801342	EFM200992	29%	20.8%	23.3%
SAU801342	ECO102870	45%	98.5%	98.6%
SAU801342	HIN101002	48%	98.2%	98.2%
SAU801342	HPY101071	44%	99.5%	98.3%
SAU801342	KPN303075	45%	98.5%	98.6%
SAU801342	LPN102231	62%	27.3%	95.3%
SAU801342	LPN102506	45%	95.5%	99.1%
SAU801342	LMO101346	61%	100%	100%
SAU801342	MCA100777	45%	98.5%	96.7%
SAU801342	MAV101560	44%	98.8%	96.0%
SAU801342	MBV100248	42%	98.8%	96%
SAU801342	MLP100366	44%	98.9%	96.1%
SAU801342	MTU201430	42%	98.8%	96%
SAU801342	MGE100068	38%	97.7%	98.3%
SAU801342	MPN100073	36%	97.7%	98.3%
SAU801342	NGO100398	47%	99.1%	99.5%
SAU801342	NME201529	47%	99.1%	99.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801342	PMU101638	46%	97.6%	97.8%
SAU801342	PMU101242	46%	98.5%	98.7%
SAU801342	PRT102791	46%	98.5%	98.5%
SAU801342	PAE200547	47%	97.6%	97.4%
SAU801342	PPU104660	47%	98.5%	98.3%
SAU801342	PSY103014	46%	96.2%	98.8%
SAU801342	SPA101296	44%	98.5%	98.6%
SAU801342	STY104533	44%	98.5%	98.6%
SAU801342	STM101336	46%	97.9%	97.6%
SAU801342	SAU801342	100%	100%	100%
SAU801342	SEP202003	84%	100%	100%
SAU801342	SHA100863	84%	59.1%	98.5%
SAU801342	SMU101576	55%	98.9%	99.4%
SAU801342	SPN401839	54%	98.9%	99.4%
SAU801342	SPY201289	57%	99.8%	92.7%
SAU801342	TPA100554	45%	98.0%	97.7%
SAU801342	UUR100593	38%	98.5%	99.2%
SAU801342	VCH103347	46%	99.4%	97.1%
SAU801342	VCH100468	46%	99.7%	95.4%
SAU801342	YPS000208	47%	98.5%	98.5%
SAU801346	ABA102859	21%	79.3%	72.1%
SAU801346	BAN102851	37%	23.8%	26.1%
SAU801346	BAN105200	24%	99.7%	99.7%
SAU801346	BFR104408	21%	85.4%	96.0%
SAU801346	BBU100829	24%	95.2%	94.4%
SAU801346	CPN200747	21%	42.8%	86.4%
SAU801346	CAC102141	24%	98.6%	98.5%
SAU801346	CBO100905	21%	45.2%	90.6%
SAU801346	CBO101427	23%	69.0%	50.6%
SAU801346	CDF103294	24%	99.8%	99.1%
SAU801346	EBC101244	20%	48.6%	87.7%
SAU801346	EFA200866	25%	99.5%	99.4%
SAU801346	EFM202519	27%	99.8%	99.8%
SAU801346	ECO100389	21%	98.7%	98.4%
SAU801346	KPN305696	21%	98.7%	98.4%
SAU801346	LMO100865	27%	99.7%	99.5%
SAU801346	MCA102350	24%	66.9%	11.9%
SAU801346	PMU100774	22%	34.2%	53.5%
SAU801346	PRT101272	22%	61.2%	43.5%
SAU801346	PAE204280	23%	30.2%	2.2%
SAU801346	PPU101727	26%	39.6%	8.2%
SAU801346	PSY100720	21%	76.1%	64.9%
SAU801346	SPA100796	49%	5.5%	76.1%
SAU801346	STY100354	24%	30.0%	37.0%
SAU801346	SAU801346	100%	100%	100%
SAU801346	SEP202013	44%	100%	100%
SAU801346	SHA102750	52%	11.6%	68.4%
SAU801346	SPY100934	23%	17.0%	51.5%
SAU801346	TPA100620	22%	98.7%	98.7%
SAU801346	VCH103246	25%	99.6%	99.7%
SAU801346	YPS002049	22%	27.7%	46.2%
SAU801353	BAN110703	46%	98.0%	99.5%
SAU801353	BPT100366	38%	96.0%	90.2%
SAU801353	BCE111262	36%	98.5%	91.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801353	BFU102327	34%	98.5%	91.6%
SAU801353	BMA109316	38%	98.5%	96.1%
SAU801353	CJU100326	32%	97.0%	98.0%
SAU801353	CAC101816	33%	97.0%	99.0%
SAU801353	CBO101234	37%	97.0%	99.5%
SAU801353	CDF101093	35%	97.0%	94.6%
SAU801353	EBC100867	34%	96.0%	89.8%
SAU801353	EFA201321	41%	99.5%	93.5%
SAU801353	EFM102093	41%	89.6%	94.8%
SAU801353	ECO102993	32%	96.0%	90.2%
SAU801353	HIN100253	32%	98.5%	95.5%
SAU801353	HPY101488	32%	97.0%	79.0%
SAU801353	KPN304106	31%	96.0%	90.2%
SAU801353	LPN102283	33%	99.0%	69.7%
SAU801353	LMO102620	50%	99.0%	98.0%
SAU801353	MGE100251	33%	98.5%	95.0%
SAU801353	MPN100486	32%	98.5%	95.0%
SAU801353	NGO101160	33%	98.5%	98%
SAU801353	NME201160	33%	98.5%	98%
SAU801353	PMU101696	34%	98.5%	94.5%
SAU801353	PRT100514	34%	96.0%	84.9%
SAU801353	PAE200580	34%	96.5%	98.4%
SAU801353	PPU100641	31%	96.5%	98.4%
SAU801353	PSY103383	30%	96.5%	98.4%
SAU801353	SPA101471	34%	96.0%	88.5%
SAU801353	STY100804	34%	96.0%	91.1%
SAU801353	STM101260	34%	96.0%	91.1%
SAU801353	SAU801353	100%	100%	100%
SAU801353	SEP202027	89%	100%	100%
SAU801353	SHA100825	86%	100%	100%
SAU801353	SMU101039	43%	94.6%	90.6%
SAU801353	SPN400755	42%	99.5%	94.8%
SAU801353	SPY200679	40%	99.5%	94.8%
SAU801353	UUR100408	35%	98.0%	88.7%
SAU801353	VCH100513	32%	98.0%	90.9%
SAU801353	YPS001965	33%	96.0%	85.6%
SAU801354	BAN100279	67%	95.5%	99.5%
SAU801354	BAN106450	70%	97.9%	99.1%
SAU801354	EFA201799	71%	97.9%	95.0%
SAU801354	EFM202341	70%	95.3%	99.4%
SAU801354	LMO101322	70%	97.9%	99.1%
SAU801354	MGE100205	47%	95.6%	99.7%
SAU801354	MPN100032	45%	95.6%	99.7%
SAU801354	SAU801354	100%	100%	100%
SAU801354	SEP202029	92%	99.8%	99.7%
SAU801354	SHA100791	64%	20.3%	100%
SAU801354	SHA100826	91%	99.8%	99.7%
SAU801354	SMU101038	68%	95.6%	98.2%
SAU801354	SPN400756	69%	95.6%	98.1%
SAU801354	SPY200680	67%	95.8%	98.2%
SAU801354	UUR100471	52%	96.2%	98.8%
SAU801354	ECO102964	38%	94.1%	97.9%
SAU801354	NME201790	39%	95.0%	98.6%
SAU801354	PAE204962	38%	94.0%	97.9%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801354	PMU100370	38%	94.3%	98.1%
SAU801354	YPS001994	37%	94.6%	98.3%
SAU801355	BAN110308	42%	92.1%	92.2%
SAU801355	BAN106306	58%	99.6%	99.0%
SAU801355	CBO103199	45%	90.6%	96.7%
SAU801355	EFA201801	56%	99.2%	97.7%
SAU801355	EFM100902	54%	99.1%	98.0%
SAU801355	LMO102776	56%	99.5%	97.6%
SAU801355	SAU801355	100%	100%	100%
SAU801355	SEP202031	83%	99.9%	99.9%
SAU801355	SHA100827	83%	98.4%	100%
SAU801355	SMU101036	53%	96.9%	98.4%
SAU801355	SPN400757	52%	99.4%	98.3%
SAU801355	SPY200681	52%	98.9%	99.0%
SAU801355	UUR100472	41%	93.8%	88.6%
SAU801355	ECO102953	32%	92.4%	97.5%
SAU801355	MPN100031	37%	91.3%	92.5%
SAU801355	NME201659	32%	88.8%	94.6%
SAU801355	PAE204959	36%	71.0%	74.5%
SAU801355	PMU100369	32%	86.8%	91.0%
SAU801355	YPS002002	33%	86%	89.8%
SAU801362	ABA105445	44%	15.0%	65.3%
SAU801362	BCE112162	25%	16.5%	22.0%
SAU801362	CDF100773	30%	78.0%	86.2%
SAU801362	CDF100771	32%	67.3%	84.6%
SAU801362	EFA201849	42%	93.6%	78.2%
SAU801362	EFM202260	38%	89.0%	97.6%
SAU801362	LMO100807	41%	92.7%	99.0%
SAU801362	MAV108258	30%	61.5%	67.2%
SAU801362	MTU400793	25%	67.0%	51.2%
SAU801362	MTU405761	25%	67.0%	52.5%
SAU801362	SAU801362	100%	100%	100%
SAU801362	SEP202045	76%	99.4%	98.8%
SAU801362	SHA102568	70%	47.1%	100%
SAU801362	SMU100110	32%	94.8%	74.0%
SAU801362	SPN401225	30%	96.0%	83.5%
SAU801362	SPY201033	31%	93.6%	71.2%
SAU801362	TPA100731	23%	42.2%	35.4%
SAU801366	BAN105241	54%	47.8%	96.5%
SAU801366	BAN108518	61%	47.8%	98.2%
SAU801366	BAN108248	63%	98.0%	96.3%
SAU801366	CAC101350	50%	97.1%	96.8%
SAU801366	CBO102562	47%	98.3%	98.0%
SAU801366	CDF103804	43%	97.7%	92.6%
SAU801366	LMO100556	60%	98.5%	96.6%
SAU801366	MAV108484	36%	98.0%	83.0%
SAU801366	PAE203459	37%	98.5%	83.9%
SAU801366	PPU105893	36%	99.1%	87.3%
SAU801366	PSY104354	38%	96.5%	87.6%
SAU801366	SAU801366	100%	100%	100%
SAU801366	SHA101687	80%	99.4%	98.6%
SAU801366	SPN400552	55%	99.7%	99.4%
SAU801375	BFR103954	26%	35.1%	36.7%
SAU801375	SAU801375	100%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801375	SEP202067	86%	100%	100%
SAU801375	SHA101696	82%	93.8%	100%
SAU801375	SPY200443	27%	98.6%	99.0%
SAU801388	ABA103820	44%	92.9%	64.3%
SAU801388	BAN111672	45%	97.4%	100%
SAU801388	BAN112161	56%	97.4%	95.6%
SAU801388	BFR10280	36%	79.5%	60.5%
SAU801388	BPT101013	30%	84.4%	82.2%
SAU801388	BBU100215	35%	91.2%	95.0%
SAU801388	BCE106431	29%	89.9%	84.7%
SAU801388	BFU107007	30%	87.3%	85.6%
SAU801388	BMA101485	27%	90.6%	85.0%
SAU801388	CJU100575	40%	92.2%	97.7%
SAU801388	CAC102164	29%	86.4%	89.9%
SAU801388	CBO103614	32%	92.2%	97.2%
SAU801388	CDF100003	33%	29.9%	81.1%
SAU801388	CDF104102	34%	95.1%	96.1%
SAU801388	CDP100488	29%	93.2%	90.6%
SAU801388	EBC104239	28%	93.5%	95.0%
SAU801388	EFA200604	30%	96.1%	97.1%
SAU801388	ECO103648	27%	93.5%	95.0%
SAU801388	HIN101348	30%	89.6%	91.7%
SAU801388	KPN302236	27%	92.5%	94.0%
SAU801388	LMO102682	34%	93.2%	96.4%
SAU801388	MCA100488	32%	84.7%	86.2%
SAU801388	MAV105985	29%	91.6%	91.2%
SAU801388	MBV103842	30%	87.7%	89.9%
SAU801388	MLP101266	29%	90.6%	92.8%
SAU801388	MTU200926	30%	87.7%	89.9%
SAU801388	PMU100435	31%	79.2%	80.6%
SAU801388	PRT102835	28%	93.8%	95.3%
SAU801388	PPU107748	30%	90.3%	90.4%
SAU801388	PSY104957	32%	89.6%	97.2%
SAU801388	STY103903	28%	93.5%	95.0%
SAU801388	SAU801388	100%	100%	100%
SAU801388	SEP202089	83%	100%	100%
SAU801388	SHA101136	82%	100%	100%
SAU801388	SMU100943	28%	100%	99.4%
SAU801388	SPN401255	31%	88.3%	87.9%
SAU801388	SPY200954	29%	82.8%	83.0%
SAU801388	VCH102807	30%	95.5%	87.2%
SAU801388	YPS003539	28%	95.8%	97.5%
SAU801392	BAN100882	70%	88.2%	98.9%
SAU801392	BAN109532	73%	95.9%	62.1%
SAU801392	BFR10176	56%	47.3%	99.4%
SAU801392	BPT100336	44%	99.6%	90.2%
SAU801392	BBU100741	57%	95.9%	40%
SAU801392	BCE107353	46%	98.7%	43.4%
SAU801392	BFU101573	46%	99.6%	99.8%
SAU801392	BMA103267	46%	99.6%	99.8%
SAU801392	CJU100394	46%	99.1%	99.4%
SAU801392	CPN200741	39%	93.8%	40%
SAU801392	CTR200617	38%	93.8%	40.2%
SAU801392	CAC102468	68%	98.9%	99.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801392	CBO103433	66%	45.6%	99.8%
SAU801392	CDF100968	64%	48.4%	100%
SAU801392	EBC102343	45%	99.6%	99.6%
SAU801392	EFA200654	70%	100%	98.2%
SAU801392	EFM100463	71%	38.5%	99.8%
SAU801392	ECO100796	45%	99.6%	99.8%
SAU801392	HPY100840	48%	98.7%	99.2%
SAU801392	KPN302739	45%	99.6%	99.8%
SAU801392	LMO100778	74%	99.2%	99.1%
SAU801392	NGO100212	46%	99.6%	99.8%
SAU801392	NME201287	46%	99.6%	99.8%
SAU801392	PRT100022	45%	99.6%	99.6%
SAU801392	PAE201962	46%	44.1%	99.0%
SAU801392	PPU110733	46%	99.8%	99.8%
SAU801392	PSY102530	47%	98.1%	99.6%
SAU801392	SPA102072	44%	99.6%	99.6%
SAU801392	STY102394	45%	99.6%	99.6%
SAU801392	STM102165	45%	99.6%	99.8%
SAU801392	SAU801392	100%	100%	100%
SAU801392	SEP202098	94%	100%	99.6%
SAU801392	SHA100965	94%	100%	99.8%
SAU801392	SMU101414	65%	98.9%	97.6%
SAU801392	SPN402032	66%	99.6%	98.1%
SAU801392	SPY201692	66%	98.7%	97.4%
SAU801392	TPA100829	53%	47.3%	97.5%
SAU801392	VCH101496	46%	99.6%	99.6%
SAU801392	YPS002248	45%	99.6%	99.6%
SAU801394	ABA102417	23%	99.1%	99.7%
SAU801394	BAN105110	48%	66.9%	94.4%
SAU801394	BAN110285	47%	98.2%	97.1%
SAU801394	BFR101725	43%	97.9%	98.2%
SAU801394	BPT101923	23%	93.9%	95.2%
SAU801394	BCE110623	24%	93.9%	96.0%
SAU801394	BFU109219	23%	93.9%	96.0%
SAU801394	BMA107844	24%	93.9%	96.0%
SAU801394	CJU100951	43%	98.5%	98.0%
SAU801394	CPN200789	26%	94.2%	93.1%
SAU801394	CTR200632	28%	94.2%	91.6%
SAU801394	CAC102778	25%	94.2%	93.6%
SAU801394	CAC100810	27%	96.7%	96.1%
SAU801394	CBO102584	51%	98.2%	87.9%
SAU801394	CDF102483	52%	97.3%	97.0%
SAU801394	CDP101635	40%	97.3%	99.1%
SAU801394	EBC101246	28%	97.6%	97.0%
SAU801394	EFA200749	46%	96.4%	94.4%
SAU801394	EFM202572	51%	97.0%	95.8%
SAU801394	ECO102277	29%	97.6%	97.0%
SAU801394	HIN100627	22%	98.2%	99.7%
SAU801394	HPY101172	38%	95.7%	96.2%
SAU801394	KPN302836	27%	97.3%	96.7%
SAU801394	LPN102579	45%	96.4%	96.2%
SAU801394	LMO102054	45%	98.8%	99.1%
SAU801394	MCA103569	22%	93.9%	96.6%
SAU801394	MAV103165	39%	97.3%	98.3%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801394	MBV102870	40%	87.5%	93.8%
SAU801394	MLP101382	38%	96.4%	96.3%
SAU801394	MTU203654	39%	96.4%	97.1%
SAU801394	NGO100986	25%	97.6%	98.9%
SAU801394	NME200328	25%	97.6%	98.9%
SAU801394	PMU101632	23%	98.2%	99.7%
SAU801394	PRT101099	27%	97.6%	97.0%
SAU801394	PAE203114	25%	97.6%	97.3%
SAU801394	PPU105849	29%	97.6%	97.3%
SAU801394	PSY101677	31%	89.4%	98.0%
SAU801394	SPA102819	26%	97.6%	97.0%
SAU801394	STY101017	27%	97.6%	97.0%
SAU801394	SAU801394	100%	100%	100%
SAU801394	SEP202102	85%	99.7%	99.7%
SAU801394	SHA100967	86%	99.7%	99.7%
SAU801394	SMU100090	44%	97.0%	94.1%
SAU801394	SPN400918	42%	96.4%	93.6%
SAU801394	VCH102075	42%	97.6%	97.0%
SAU801394	YPS002391	30%	97.6%	97.0%
SAU801396	ABA105360	41%	77.1%	70.3%
SAU801396	BAN102900	25%	94.2%	87.7%
SAU801396	BAN107078	25%	94.2%	87.6%
SAU801396	BFR10828	34%	93.8%	91.7%
SAU801396	BPT102724	37%	76.7%	70.6%
SAU801396	BCE105684	35%	78.8%	73.6%
SAU801396	BMA108656	39%	79.2%	77.2%
SAU801396	CJU100185	37%	78.3%	79.8%
SAU801396	CPN200790	29%	98.3%	90.2%
SAU801396	CTR200633	34%	80%	77.2%
SAU801396	CAC100895	39%	100%	98.4%
SAU801396	CBO100936	42%	96.7%	94.0%
SAU801396	CDF100169	43%	49.2%	98.3%
SAU801396	CDF101971	40%	94.2%	86.5%
SAU801396	CDF103888	42%	100%	98.8%
SAU801396	CDP100444	25%	70.8%	72.2%
SAU801396	EBC102147	37%	77.5%	70.3%
SAU801396	EFA201878	25%	100%	99.2%
SAU801396	EFM201574	38%	100%	97.5%
SAU801396	ECO100031	37%	77.1%	70.0%
SAU801396	HIN101274	35%	76.2%	70%
SAU801396	HPY100505	31%	97.1%	97.2%
SAU801396	KPN306527	37%	90%	82.4%
SAU801396	LPN103391	26%	68.3%	68.7%
SAU801396	LMO101881	21%	100%	99.2%
SAU801396	MCA102220	38%	80.4%	74.7%
SAU801396	MAV101194	25%	74.6%	75.9%
SAU801396	MBV101254	25%	75.4%	76.7%
SAU801396	MTU202735	26%	75.4%	76.7%
SAU801396	NGO100748	35%	80.8%	74.0%
SAU801396	NME200061	36%	78.8%	72.1%
SAU801396	PMU100726	35%	76.2%	70%
SAU801396	PRT101653	36%	81.2%	73.6%
SAU801396	PAE204755	38%	79.6%	73.5%
SAU801396	PPU111382	37%	81.2%	95.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801396	PSY104750	38%	81.2%	79.2%
SAU801396	SPA101380	38%	77.1%	70.2%
SAU801396	STY101155	38%	77.1%	70.0%
SAU801396	STM100870	38%	77.1%	70.0%
SAU801396	SAU801396	100%	100%	100%
SAU801396	SEP202106	77%	100%	100%
SAU801396	SHA100969	80%	100%	100%
SAU801396	SMU100878	27%	79.2%	76.9%
SAU801396	SPN401413	27%	79.2%	76.9%
SAU801396	VCH102356	38%	78.3%	72.1%
SAU801396	YPS000815	37%	76.2%	69.2%
SAU801408	ABA100780	19%	69.3%	71.1%
SAU801408	BAN104787	27%	98.9%	100%
SAU801408	BAN111400	32%	98.9%	98.7%
SAU801408	BFU103452	21%	60.5%	65.6%
SAU801408	CDF104135	20%	72.0%	72.4%
SAU801408	EFA201494	25%	18.8%	12.8%
SAU801408	EFM201409	20%	62.3%	50.7%
SAU801408	LMO102254	27%	17.8%	40.7%
SAU801408	PAE200524	26%	30.4%	31.0%
SAU801408	SAU801408	100%	100%	100%
SAU801408	SEP200320	76%	100%	100%
SAU801408	SHA101098	77%	99.4%	100%
SAU801413	ABA105904	40%	95.2%	93.7%
SAU801413	BAN103255	42%	77.4%	75.4%
SAU801413	BAN111079	46%	96.4%	94.1%
SAU801413	BPT101840	36%	97.7%	96.1%
SAU801413	BCE108051	37%	96.2%	94.8%
SAU801413	BFU101166	36%	96.2%	94.7%
SAU801413	BMA105967	37%	96.2%	95.2%
SAU801413	CPN200372	38%	89.2%	88.3%
SAU801413	CTR200319	37%	88.1%	87.5%
SAU801413	CDF103227	21%	14.4%	50.5%
SAU801413	CDP101055	38%	89.0%	88.9%
SAU801413	EBC102740	39%	96.1%	95.2%
SAU801413	ECO100709	38%	96.1%	95.2%
SAU801413	HIN101627	36%	96.1%	93.7%
SAU801413	KPN300439	56%	16.7%	91.7%
SAU801413	KPN301278	39%	96.1%	95.2%
SAU801413	LPN103608	38%	96.1%	95.1%
SAU801413	MCA101641	38%	95.9%	94.2%
SAU801413	MAV105067	41%	88.9%	74.0%
SAU801413	MBV101835	40%	88.9%	67.9%
SAU801413	MLP100674	41%	87.8%	64.3%
SAU801413	MTU201231	40%	88.9%	67.9%
SAU801413	NGO101271	36%	96.2%	95.9%
SAU801413	NME201061	36%	96.2%	95.9%
SAU801413	PMU100277	37%	93.7%	92.9%
SAU801413	PRT102075	37%	96.1%	95.2%
SAU801413	PAE201584	38%	96.1%	95.3%
SAU801413	PPU103111	38%	93.1%	94.2%
SAU801413	PSY104853	39%	87.7%	93.8%
SAU801413	SPA103278	38%	96.1%	94.8%
SAU801413	STY101930	38%	96.1%	95.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801413	STM101669	38%	96.1%	95.2%
SAU801413	SAU801413	100%	100%	100%
SAU801413	SEP200338	81%	99.4%	99.9%
SAU801413	SHA102778	78%	72.5%	100%
SAU801413	VCH102055	38%	96.1%	95.2%
SAU801413	YPS002064	38%	96.1%	95.2%
SAU801419	BAN100510	26%	85.8%	87.1%
SAU801419	BFR100612	25%	93.5%	98.7%
SAU801419	CJU101619	33%	95.3%	91.5%
SAU801419	CAC103631	27%	96.4%	92.5%
SAU801419	CBO103591	32%	85.8%	86.0%
SAU801419	CDF104280	32%	98.8%	100%
SAU801419	CDP100572	20%	84.6%	83.1%
SAU801419	EFA200851	25%	98.8%	97.7%
SAU801419	EFM201484	22%	92.9%	93.5%
SAU801419	KPN304595	20%	84.6%	83.1%
SAU801419	LMO100047	22%	85.8%	84.3%
SAU801419	SAU801419	100%	100%	100%
SAU801419	SEP200360	65%	98.8%	100%
SAU801419	SHA101283	67%	98.8%	100%
SAU801419	SMU101216	22%	85.8%	81.0%
SAU801419	SPN401317	26%	85.8%	89.6%
SAU801419	SPY201637	26%	45.6%	68.3%
SAU801426	ABA105042	36%	88.7%	87.6%
SAU801426	BAN106373	43%	98.1%	100%
SAU801426	BFR103062	38%	97.5%	96.4%
SAU801426	BPT100703	36%	81.8%	80.6%
SAU801426	BCE101792	38%	99.4%	98.2%
SAU801426	BFU100755	37%	98.7%	97.6%
SAU801426	BMA106298	37%	99.4%	97.6%
SAU801426	CPN201094	34%	79.9%	77.6%
SAU801426	CTR200891	29%	80.5%	81.8%
SAU801426	CAC100060	39%	84.9%	90.2%
SAU801426	CDP100078	34%	71.1%	68.3%
SAU801426	EBC103149	34%	98.1%	99.4%
SAU801426	EFA201842	46%	94.3%	94.5%
SAU801426	EFM100508	46%	94.3%	88.6%
SAU801426	ECO100048	34%	98.1%	99.4%
SAU801426	HIN100879	44%	99.4%	100%
SAU801426	KPN307712	35%	98.1%	99.4%
SAU801426	LPN102439	37%	84.9%	97.9%
SAU801426	LMO102529	39%	91.2%	92.5%
SAU801426	MCA101498	37%	75.5%	74.9%
SAU801426	MAV101963	32%	74.8%	69.1%
SAU801426	MBV103478	39%	59.1%	61.0%
SAU801426	MLP100935	33%	61.0%	62.4%
SAU801426	MTU202726	39%	59.1%	61.0%
SAU801426	MGE100233	31%	69.2%	74.4%
SAU801426	MPN100515	27%	80.5%	91.9%
SAU801426	NGO101724	30%	98.7%	98.8%
SAU801426	NME202016	30%	98.7%	98.8%
SAU801426	PMU101893	41%	98.7%	97.0%
SAU801426	PRT101248	35%	100%	100%
SAU801426	PAE200349	34%	86.2%	86.9%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801426	PPU102745	33%	86.2%	95.5%
SAU801426	PSY108387	33%	83.0%	92.8%
SAU801426	SPA103699	35%	98.1%	99.4%
SAU801426	STY101217	34%	98.1%	99.4%
SAU801426	STM100930	35%	98.1%	99.4%
SAU801426	SAU801426	100%	100%	100%
SAU801426	SEP201187	79%	100%	98.8%
SAU801426	SEP200372	81%	100%	98.8%
SAU801426	SHA101277	86%	99.4%	99.4%
SAU801426	SMU100954	34%	95.6%	92.4%
SAU801426	SPN401428	34%	95.6%	94.0%
SAU801426	SPY200658	32%	99.4%	100%
SAU801426	UUR100113	28%	76.1%	80.1%
SAU801426	VCH100435	42%	96.2%	93.9%
SAU801426	YPS000851	39%	99.4%	100%
SAU801434	BFR100985	19%	5.8%	73.2%
SAU801434	BPT100907	21%	5.6%	93.6%
SAU801434	CJU100041	22%	22.9%	71.7%
SAU801434	CJU100788	22%	62.5%	65.0%
SAU801434	CAC100360	19%	94.0%	62.1%
SAU801434	CAC100718	18%	36.8%	67.2%
SAU801434	CDP100418	21%	2.6%	73.1%
SAU801434	HIN101341	19%	10.3%	51.3%
SAU801434	HPY100521	18%	31.5%	84.6%
SAU801434	KPN204472	22%	12.8%	89.0%
SAU801434	MAV100077	23%	48.2%	66.9%
SAU801434	MBV101083	31%	73.9%	65.4%
SAU801434	MTU202311	21%	9.4%	57.6%
SAU801434	MGE100222	20%	11.9%	98.3%
SAU801434	MPN100526	19%	30.1%	75.6%
SAU801434	PAE200410	20%	33.4%	72.4%
SAU801434	SAU801434	100%	100%	100%
SAU801434	SEP200390	22%	35.1%	95.8%
SAU801434	SEP200388	29%	95.8%	66.8%
SAU801434	UUR100500	20%	8.4%	11.1%
SAU801434	UUR100479	22%	78.5%	25.9%
SAU801434	UUR100487	19%	88.3%	21.1%
SAU801434	VCH101382	19%	3.3%	98.4%
SAU801439	ABA101540	43%	15.3%	30%
SAU801439	ABA103709	25%	93.8%	97.9%
SAU801439	BPT102239	28%	95.2%	99.7%
SAU801439	BCE106127	28%	86.3%	92%
SAU801439	BMA102767	29%	88.2%	92.9%
SAU801439	CBO102725	26%	81.7%	88.0%
SAU801439	EBC101979	27%	94.6%	72.1%
SAU801439	KPN304528	26%	94.6%	37.2%
SAU801439	LPN100345	25%	93.8%	96.3%
SAU801439	PPU102936	28%	73.9%	90.7%
SAU801439	PSY103265	28%	87.6%	72.5%
SAU801439	SAU801439	100%	100%	100%
SAU801450	ABA104514	27%	73.6%	64.5%
SAU801450	BAN111504	38%	7.2%	72.2%
SAU801450	BAN111626	37%	13.9%	88.7%
SAU801450	BAN112322	37%	24.2%	68.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801450	BAN109558	31%	36.7%	51.5%
SAU801450	BAN107365	29%	97.5%	80.5%
SAU801450	BAN100187	29%	88.7%	91.1%
SAU801450	BAN106468	33%	79.6%	98.1%
SAU801450	BAN109120	36%	90.1%	83.1%
SAU801450	BAN113112	35%	97.5%	86.2%
SAU801450	BFR12422	26%	81.4%	90.0%
SAU801450	BPT100929	28%	86.8%	87.6%
SAU801450	BBU100731	22%	76.2%	68.8%
SAU801450	BCE103115	26%	76.9%	83.5%
SAU801450	BFU113279	38%	83.6%	86.2%
SAU801450	BMA101975	27%	76.9%	74.9%
SAU801450	CJU100471	27%	81.3%	88.0%
SAU801450	CAC101849	28%	96.4%	96.0%
SAU801450	CBO102303	30%	82.7%	74.1%
SAU801450	CDF104052	29%	35.4%	69.5%
SAU801450	CDF102218	25%	99.0%	90.1%
SAU801450	CDP100789	26%	96.3%	95.2%
SAU801450	EBC100689	28%	68.2%	95.5%
SAU801450	EFA201378	31%	98.8%	93.1%
SAU801450	EFM201090	31%	88.2%	84.5%
SAU801450	ECO100149	25%	87.3%	74.3%
SAU801450	HIN101690	26%	77.0%	69.1%
SAU801450	HPY100590	24%	80.7%	87.1%
SAU801450	KPN300435	25%	22.8%	44.0%
SAU801450	KPN304206	28%	73.5%	60.3%
SAU801450	LPN102619	33%	15.1%	96.5%
SAU801450	LPN100189	37%	31.5%	77.6%
SAU801450	LMO102341	36%	98.6%	84.4%
SAU801450	MCA101332	30%	73.6%	66.3%
SAU801450	MAV101544	28%	74.1%	86.8%
SAU801450	MBV103327	27%	87.2%	76.0%
SAU801450	MLP101587	27%	87.1%	88.6%
SAU801450	MTU200050	28%	81.0%	85.7%
SAU801450	NGO101656	32%	83.9%	85.7%
SAU801450	NME200606	33%	87.8%	89.1%
SAU801450	PMU100456	27%	72.5%	65.5%
SAU801450	PRT101565	26%	73.5%	68.7%
SAU801450	PAE204696	30%	72.5%	65.6%
SAU801450	PPU108387	28%	72.5%	67.9%
SAU801450	PSY104456	30%	72.5%	67.9%
SAU801450	SPA102354	31%	43.6%	88.7%
SAU801450	STY103467	27%	73.5%	61.4%
SAU801450	STM103141	27%	73.5%	61.4%
SAU801450	SAU801450	100%	100%	100%
SAU801450	SEP200416	81%	100%	98.7%
SAU801450	SHA102710	46%	9.5%	61.7%
SAU801450	SHA101878	77%	99.0%	94.9%
SAU801450	SMU101483	32%	94.4%	97.0%
SAU801450	SPN400329	31%	95.0%	97.1%
SAU801450	SPY201271	32%	95.9%	97.8%
SAU801450	TPA100697	26%	82.0%	78.5%
SAU801450	VCH100591	25%	73.6%	66.2%
SAU801450	YPS000157	27%	73.5%	62.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801457	ABA105939	32%	48%	40.7%
SAU801457	BAN107872	38%	97.2%	99.5%
SAU801457	BAN102524	39%	97.2%	97.7%
SAU801457	BFR104611	34%	49%	43.2%
SAU801457	BPT101657	33%	50.5%	45.9%
SAU801457	BBU100705	32%	83.5%	82.7%
SAU801457	BCE100092	32%	48.2%	42.4%
SAU801457	BFU102642	31%	51%	43.3%
SAU801457	BMA109607	32%	48.2%	42.7%
SAU801457	CJU100728	27%	63.5%	69.6%
SAU801457	CPN201005	27%	96.2%	96.3%
SAU801457	CTR200077	38%	51.2%	50.2%
SAU801457	CAC103726	25%	65.8%	55.0%
SAU801457	CBO100682	43%	53.5%	48.4%
SAU801457	CDF103451	31%	95.2%	94.6%
SAU801457	CDP101606	38%	49%	41.0%
SAU801457	EBC102069	34%	55%	50.9%
SAU801457	EFA201869	37%	97%	95.1%
SAU801457	ECO100143	32%	50.8%	47.1%
SAU801457	HIN100062	29%	53.5%	49.8%
SAU801457	HPY100632	29%	98.2%	95.3%
SAU801457	KPN308697	33%	50.8%	49.1%
SAU801457	LPN103037	33%	54.2%	53.0%
SAU801457	LMO102472	37%	98.2%	98.7%
SAU801457	MCA100864	33%	40.2%	27.9%
SAU801457	MAV103429	38%	46.8%	40.4%
SAU801457	MBV106184	36%	46.8%	40.4%
SAU801457	MLP101592	38%	47%	40.3%
SAU801457	MTU203852	36%	46.8%	40.4%
SAU801457	NGO100973	31%	58.5%	52.1%
SAU801457	NME200969	30%	58.5%	51.4%
SAU801457	PMU100864	30%	54.8%	46.9%
SAU801457	PRT102520	33%	50.8%	48.2%
SAU801457	PAE204723	35%	52.8%	47.8%
SAU801457	PPU108737	35%	52.8%	48.2%
SAU801457	PSY105160	34%	52.8%	48.0%
SAU801457	SPA104027	34%	55%	51.1%
SAU801457	STY103428	34%	55%	48.9%
SAU801457	STM101254	31%	52.2%	50.4%
SAU801457	SAU801457	100%	100%	100%
SAU801457	SEP200430	56%	100%	100%
SAU801457	SHA101762	59%	100%	100%
SAU801457	SMU100881	39%	98.8%	99.2%
SAU801457	SPN401412	38%	96.8%	96.2%
SAU801457	SPY200644	38%	97.8%	98.0%
SAU801457	TPA100267	41%	48.5%	41.6%
SAU801457	VCH100583	24%	76.5%	72.6%
SAU801457	YPS000784	30%	64.8%	60.9%
SAU801458	BAN104921	44%	95.8%	99.2%
SAU801458	BAN113092	55%	99.5%	99.2%
SAU801458	BPT101918	24%	92.4%	85.8%
SAU801458	BBU100453	22%	79.2%	80.7%
SAU801458	BFU102831	23%	77.1%	71.6%
SAU801458	CPN200894	22%	77.9%	75.8%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801458	CTR100305	29%	13.4%	10.8%
SAU801458	CAC102137	21%	98.2%	97.2%
SAU801458	CAC100874	24%	99.5%	97.2%
SAU801458	CBO102992	25%	63.2%	58.8%
SAU801458	CBO100320	26%	78.2%	79.7%
SAU801458	CDF102815	24%	79.5%	80.7%
SAU801458	CDP100741	28%	41.1%	38.9%
SAU801458	EBC103431	30%	55%	54.9%
SAU801458	EFA200235	25%	98.7%	96.1%
SAU801458	EFM201493	23%	98.9%	94.3%
SAU801458	ECO204536	26%	45.8%	48.4%
SAU801458	HIN101663	23%	93.4%	95.8%
SAU801458	HPY100417	25%	30.3%	28.8%
SAU801458	KPN301575	27%	51.8%	53.1%
SAU801458	LPN100676	23%	95.8%	97.2%
SAU801458	LMO101281	25%	88.4%	81.3%
SAU801458	MAV103221	23%	69.5%	72.1%
SAU801458	MBV102473	23%	70%	68.7%
SAU801458	MLP100543	22%	69.7%	71.1%
SAU801458	MTU202154	23%	70%	68.7%
SAU801458	NGO100979	26%	48.2%	53.3%
SAU801458	NME200972	26%	47.1%	77.8%
SAU801458	PRT105053	27%	51.6%	52.5%
SAU801458	PAE200841	25%	50%	46.3%
SAU801458	PPU103947	27%	52.9%	50.3%
SAU801458	PSY100988	28%	46.6%	47.3%
SAU801458	SPA104080	28%	41.8%	44.9%
SAU801458	STY104620	28%	41.8%	44.9%
SAU801458	STM101647	22%	92.1%	93.9%
SAU801458	SAU801458	100%	100%	100%
SAU801458	SEP200432	80%	98.2%	98.2%
SAU801458	SHA101761	84%	98.2%	99.2%
SAU801458	SMU101081	23%	99.5%	87.4%
SAU801458	SPN400982	23%	98.4%	87.1%
SAU801458	SPY200370	24%	98.9%	86.9%
SAU801458	VCH100256	26%	75.8%	68.0%
SAU801466	ABA105177	32%	94.8%	93.9%
SAU801466	BAN111428	54%	88.7%	94.0%
SAU801466	BAN105811	58%	94.3%	98.4%
SAU801466	BAN110054	61%	97.4%	97.4%
SAU801466	BAN102027	62%	100%	100%
SAU801466	BFR11345	34%	92.0%	94.1%
SAU801466	BPT101881	33%	92.5%	94.1%
SAU801466	BCE109344	32%	96.6%	94.1%
SAU801466	BFU105028	34%	90.5%	88.5%
SAU801466	BMA108307	31%	97.2%	95.1%
SAU801466	CJU101540	33%	95.1%	95.0%
SAU801466	CPN200800	28%	93.0%	95.3%
SAU801466	CTR200637	32%	92.8%	95.0%
SAU801466	CAC102325	32%	90.7%	94.9%
SAU801466	CBO102194	45%	97.9%	95.9%
SAU801466	CDF101103	32%	90.7%	93.9%
SAU801466	CDP100371	40%	97.7%	96.0%
SAU801466	EBC103288	34%	97.7%	95.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801466	EFA201862	57%	100%	100%
SAU801466	EFM101478	55%	98.5%	98.5%
SAU801466	ECO102287	33%	94.8%	94.5%
SAU801466	HIN100186	36%	93.3%	95.2%
SAU801466	HPY100655	33%	96.6%	96.4%
SAU801466	KPN302822	33%	94.8%	94.5%
SAU801466	LPN100018	33%	90.5%	92.0%
SAU801466	LMO100937	56%	100%	100%
SAU801466	MCA100479	33%	94.1%	91.8%
SAU801466	MAV101894	41%	99.7%	96.5%
SAU801466	MBV101353	41%	97.7%	92.7%
SAU801466	MLP100313	42%	97.7%	93.9%
SAU801466	MTU202503	41%	97.7%	95.3%
SAU801466	NGO100523	34%	94.1%	92.3%
SAU801466	NME201788	34%	94.1%	92.3%
SAU801466	PMU100359	33%	94.1%	96.1%
SAU801466	PRT105081	34%	93.8%	93.4%
SAU801466	PAE201680	32%	94.1%	92.8%
SAU801466	PPU102947	31%	97.4%	96.4%
SAU801466	PSY104698	32%	94.1%	92.8%
SAU801466	SPA101187	34%	88.9%	90.4%
SAU801466	STY101051	33%	94.8%	94.5%
SAU801466	SAU801466	100%	100%	100%
SAU801466	SEP200448	86%	100%	100%
SAU801466	SHA101753	86%	100%	100%
SAU801466	SMU100093	56%	100%	100%
SAU801466	SPN401231	57%	98.5%	98.5%
SAU801466	SPY200602	50%	100%	100%
SAU801466	VCH102083	35%	94.8%	94.5%
SAU801466	YPS002330	33%	93.8%	93.4%
SAU801470	ABA104632	32%	94.0%	92%
SAU801470	BAN109070	32%	97.2%	96.0%
SAU801470	BAN113356	44%	97.8%	96.6%
SAU801470	BFR101349	30%	96.9%	95.4%
SAU801470	BPT102476	27%	94.0%	93.1%
SAU801470	BBU100313	27%	90.0%	85.9%
SAU801470	BCE111505	28%	98.4%	94.6%
SAU801470	BFU108244	30%	97.5%	93.9%
SAU801470	BMA107188	28%	97.2%	100%
SAU801470	CJU100503	30%	83.1%	87.2%
SAU801470	CDP100844	31%	97.2%	94.8%
SAU801470	EBC100486	29%	86.2%	99.3%
SAU801470	EFA201824	35%	94.7%	93.3%
SAU801470	EFM100877	33%	96.2%	93.9%
SAU801470	ECO103117	28%	93.4%	92.3%
SAU801470	HIN100861	29%	97.2%	94.2%
SAU801470	HPY100236	27%	90.0%	92.2%
SAU801470	KPN301067	29%	92.8%	97.0%
SAU801470	LMO100122	40%	98.4%	97.2%
SAU801470	MAV102273	32%	96.9%	90.1%
SAU801470	MBV101462	30%	96.9%	92.2%
SAU801470	MLP101355	29%	98.1%	94.8%
SAU801470	MTU200559	30%	96.9%	92.2%
SAU801470	NGO101628	31%	96.9%	95.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801470	NME201998	31%	96.9%	95.1%
SAU801470	PMU100346	29%	95.6%	92.4%
SAU801470	PRT103357	28%	90.9%	90.4%
SAU801470	PAE204567	28%	94.0%	92.9%
SAU801470	PPU109792	27%	95.6%	94.4%
SAU801470	PSY102709	26%	95.6%	94.4%
SAU801470	SPA100483	28%	53.6%	93.5%
SAU801470	STY101489	29%	93.4%	92.3%
SAU801470	STM101744	29%	93.4%	92.3%
SAU801470	SAU801470	100%	100%	100%
SAU801470	SEP200452	76%	99.7%	99.7%
SAU801470	SHA101414	73%	99.7%	100%
SAU801470	TPA100675	24%	86.8%	83.2%
SAU801470	VCH100429	30%	97.5%	89.4%
SAU801470	YPS002150	30%	85.9%	84.8%
SAU801471	ABA102453	44%	95.9%	73.7%
SAU801471	BAN101221	53%	93.4%	98.7%
SAU801471	BAN110701	64%	95.0%	97.5%
SAU801471	BFR100912	35%	93.4%	92.7%
SAU801471	BPT101405	39%	95.4%	88.4%
SAU801471	BCE105003	42%	93.4%	92.6%
SAU801471	BFU111004	38%	95.9%	95.1%
SAU801471	BMA103315	42%	93.4%	92.6%
SAU801471	CJU100293	33%	93.8%	98.3%
SAU801471	CPN200235	32%	94.6%	94.9%
SAU801471	CTR200702	29%	93.4%	92.9%
SAU801471	CAC101072	33%	55.6%	61.8%
SAU801471	CBO102321	27%	72.2%	73.5%
SAU801471	CDP100838	38%	92.5%	90.7%
SAU801471	EBC103973	42%	95.0%	92.8%
SAU801471	ECO103745	41%	93.4%	90.8%
SAU801471	HPY101462	35%	85.5%	88.2%
SAU801471	KPN303531	41%	93.4%	90.8%
SAU801471	LPN103135	38%	95.9%	93.6%
SAU801471	LMO101474	59%	96.3%	98.7%
SAU801471	MCA101080	42%	96.3%	82.8%
SAU801471	MAV102270	34%	96.3%	97.4%
SAU801471	MBV101071	36%	94.6%	94.0%
SAU801471	MLP101352	34%	91.3%	89.1%
SAU801471	MTU200555	36%	94.6%	94.0%
SAU801471	NGO101981	38%	95.9%	93.5%
SAU801471	NME200879	39%	95.9%	93.5%
SAU801471	PMU101686	41%	93.8%	85.4%
SAU801471	PRT102944	40%	95.9%	93.2%
SAU801471	PAE205058	42%	93.4%	89.1%
SAU801471	PPU109250	40%	93.4%	89.1%
SAU801471	PSY103601	42%	93.4%	89.1%
SAU801471	SPA102812	39%	93.4%	90.8%
SAU801471	STY101995	39%	93.4%	90.8%
SAU801471	STM101124	39%	93.4%	90.8%
SAU801471	SAU801471	100%	100%	100%
SAU801471	SEP200454	82%	100%	100%
SAU801471	SHA101413	82%	99.2%	100%
SAU801471	VCH100083	41%	95.9%	89.2%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801471	YPS000639	42%	95.0%	92.8%
SAU801473	ABA103631	58%	98.9%	98.9%
SAU801473	BAN110875	80%	100%	100%
SAU801473	BFR100422	50%	100%	100%
SAU801473	BPT100124	53%	98.9%	98.9%
SAU801473	BBU100231	32%	98.9%	88.0%
SAU801473	BCE110670	63%	100%	100%
SAU801473	BFU100991	56%	98.9%	98.9%
SAU801473	BMA101790	53%	98.9%	96.7%
SAU801473	CJU100843	53%	98.9%	90.8%
SAU801473	CPN200333	26%	100%	91%
SAU801473	CTR200531	25%	100%	91%
SAU801473	CAC100114	58%	98.9%	97.8%
SAU801473	CBO102675	58%	98.9%	79.5%
SAU801473	CDF102299	58%	98.9%	97.8%
SAU801473	EBC102270	61%	98.9%	98.9%
SAU801473	EFA201883	78%	98.9%	97.8%
SAU801473	EFM100184	79%	98.9%	90.8%
SAU801473	ECO100432	61%	98.9%	98.9%
SAU801473	HIN100410	66%	100%	66.2%
SAU801473	HPY100822	39%	100%	96.8%
SAU801473	KPN302503	58%	100%	100%
SAU801473	LPN101041	37%	94.4%	95.5%
SAU801473	LMO100364	82%	98.9%	97.8%
SAU801473	MCA101444	57%	98.9%	98.9%
SAU801473	MAV101405	39%	98.9%	42.0%
SAU801473	MBV102079	39%	98.9%	41.6%
SAU801473	MLP101029	39%	98.9%	44.5%
SAU801473	MTU202948	39%	98.9%	41.6%
SAU801473	NGO100251	51%	98.9%	100%
SAU801473	NME201722	47%	98.9%	97.8%
SAU801473	NME201276	51%	98.9%	100%
SAU801473	PMU101732	67%	100%	100%
SAU801473	PRT101499	65%	98.9%	92.7%
SAU801473	PAE201803	62%	98.9%	98.9%
SAU801473	PPU111425	61%	98.9%	98.9%
SAU801473	PSY108978	58%	98.9%	98.9%
SAU801473	SPA102996	61%	98.9%	98.9%
SAU801473	STY100727	61%	98.9%	98.9%
SAU801473	STM100440	60%	98.9%	98.9%
SAU801473	SAU801473	100%	100%	100%
SAU801473	SEP200458	100%	100%	100%
SAU801473	SHA101411	96%	100%	100%
SAU801473	SMU100719	78%	98.9%	97.8%
SAU801473	SPN401020	75%	98.9%	97.8%
SAU801473	SPY201144	78%	98.9%	97.8%
SAU801473	TPA100248	34%	94.4%	81.0%
SAU801473	UUR100284	28%	96.7%	66.9%
SAU801473	VCH100270	58%	100%	100%
SAU801473	YPS001873	61%	98.9%	98.9%
SAU801475	ABA100688	42%	98.2%	91.3%
SAU801475	BAN111369	64%	99.8%	100%
SAU801475	BAN112079	75%	100%	100%
SAU801475	BFR10077	45%	28.7%	72.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801475	BPT100007	41%	98.2%	96.5%
SAU801475	BBU100507	33%	74.5%	32.3%
SAU801475	BCE100856	37%	99.1%	96.5%
SAU801475	BFU105505	38%	98.2%	96.9%
SAU801475	BMA102074	39%	98.2%	96.9%
SAU801475	CJU100354	34%	98.6%	97.6%
SAU801475	CPN201006	31%	70.9%	27.7%
SAU801475	CTR200076	33%	69.7%	26.3%
SAU801475	CAC100098	52%	99.8%	99.5%
SAU801475	CBO101866	52%	99.8%	99.3%
SAU801475	CDF102465	52%	100%	99.1%
SAU801475	CDP101065	40%	67.2%	21.6%
SAU801475	EBC102035	41%	99.3%	95.3%
SAU801475	EFA201884	68%	99.8%	99.8%
SAU801475	ECO102462	42%	97.9%	90.1%
SAU801475	HIN100129	38%	98.9%	93.1%
SAU801475	HPY100821	34%	99.5%	97.4%
SAU801475	KPN305977	40%	99.3%	95.3%
SAU801475	LPN101429	41%	97.9%	92.0%
SAU801475	LMO102523	73%	99.8%	99.8%
SAU801475	MCA101523	41%	98.2%	90.9%
SAU801475	MAV102019	40%	99.1%	92.1%
SAU801475	MBV105348	39%	99.1%	92.7%
SAU801475	MLP100852	38%	99.1%	92.9%
SAU801475	MTU201691	39%	99.1%	92.7%
SAU801475	MGE100337	43%	98.9%	97.3%
SAU801475	MPN100366	43%	9.4%	45.2%
SAU801475	NGO101003	40%	98.2%	88.0%
SAU801475	NME200978	40%	98.2%	88.0%
SAU801475	PMU100105	38%	100%	94.1%
SAU801475	PRT102921	40%	97.9%	92.5%
SAU801475	PAE203796	38%	97.9%	90.9%
SAU801475	PPU112339	39%	97.9%	91.0%
SAU801475	PSY106808	41%	68.6%	83.2%
SAU801475	PSY103809	38%	97.9%	90.3%
SAU801475	SPA102739	43%	97.9%	90.2%
SAU801475	STY101715	42%	97.9%	92.4%
SAU801475	SAU801475	100%	100%	100%
SAU801475	SEP200461	93%	100%	100%
SAU801475	SHA101409	93%	100%	100%
SAU801475	SMU101355	62%	99.8%	99.8%
SAU801475	SPN401552	66%	99.8%	99.8%
SAU801475	SPY200248	66%	99.8%	99.8%
SAU801475	TPA100681	32%	98.9%	94.6%
SAU801475	UUR100386	44%	98.9%	98.0%
SAU801475	VCH100750	41%	97.9%	92.3%
SAU801475	YPS003216	41%	40.1%	77.2%
SAU801476	ABA101621	29%	32.2%	89.8%
SAU801476	BAN106697	46%	99.7%	100%
SAU801476	BAN102603	48%	99.7%	99.7%
SAU801476	BFR12241	34%	89.8%	42.7%
SAU801476	BPT100197	34%	88.2%	89.1%
SAU801476	BBU100126	27%	88.0%	32.2%
SAU801476	BCE109984	36%	88.2%	86.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801476	BFU102076	36%	88.2%	88.9%
SAU801476	BMA105447	36%	88.2%	90%
SAU801476	CJU100824	29%	98.2%	96.6%
SAU801476	CPN200436	31%	93.4%	91.0%
SAU801476	CTR200367	31%	88.7%	79.3%
SAU801476	CAC100711	36%	41.4%	52.0%
SAU801476	CBO101243	40%	99.5%	97.4%
SAU801476	CDF100938	31%	98.5%	96.0%
SAU801476	CDP100313	40%	88.2%	32.2%
SAU801476	EBC100136	35%	89.0%	82.0%
SAU801476	EFA201885	49%	48.8%	92.6%
SAU801476	ECO100886	35%	99.7%	99.6%
SAU801476	HIN101192	33%	88.0%	77.6%
SAU801476	HPY100395	28%	87.7%	30.0%
SAU801476	KPN302625	35%	89.3%	96.7%
SAU801476	LPN102947	36%	98.7%	98.9%
SAU801476	LMO101312	51%	99.7%	99.0%
SAU801476	MCA101969	34%	96.2%	93.1%
SAU801476	MAV106579	39%	92.3%	74.6%
SAU801476	MBV101279	39%	92.3%	66.9%
SAU801476	MLP100855	39%	92.3%	74.4%
SAU801476	MTU201609	39%	92.3%	74.4%
SAU801476	NGO100236	34%	86.7%	75.1%
SAU801476	NME201375	34%	86.7%	74.9%
SAU801476	PMU100801	33%	89.0%	79.1%
SAU801476	PRT100600	35%	95.4%	96.8%
SAU801476	PAE203160	36%	94.4%	79.4%
SAU801476	PPU100844	34%	88.5%	76.7%
SAU801476	PSY103125	35%	91.8%	77.4%
SAU801476	SPA102059	34%	94.6%	96.5%
SAU801476	STY102913	35%	99.7%	99.6%
SAU801476	STM103301	35%	99.7%	99.6%
SAU801476	SAU801476	100%	100%	100%
SAU801476	SEP200462	87%	99.7%	99.7%
SAU801476	SHA101408	86%	99.7%	99.7%
SAU801476	SMU101029	42%	88.5%	65.7%
SAU801476	SPN400764	41%	87.7%	64%
SAU801476	SPY200684	42%	91.8%	90.0%
SAU801476	TPA100276	31%	92.6%	61.5%
SAU801476	VCH101885	34%	99.7%	99.6%
SAU801476	YPS001263	35%	88.2%	92.1%
SAU801481	BPT103701	20%	53.9%	77.1%
SAU801481	BCE109402	18%	61.1%	71.8%
SAU801481	LMO100891	27%	9.7%	38.5%
SAU801481	MBV100591	29%	20.8%	45.4%
SAU801481	MTU202815	26%	20.2%	17.4%
SAU801481	MTU202128	26%	24.1%	21.1%
SAU801481	MTU201308	27%	20.0%	18.4%
SAU801481	MTU200968	28%	16.5%	8.5%
SAU801481	MTU201056	32%	18.5%	15.6%
SAU801481	MTU200278	31%	17.9%	10.2%
SAU801481	MTU203538	30%	19.1%	17.0%
SAU801481	MTU200529	30%	17.3%	13.3%
SAU801481	MTU201226	30%	19.1%	17.6%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801481	MTU203460	31%	17.9%	2.0%
SAU801481	MTU203301	32%	16.7%	18.6%
SAU801481	MTU200575	26%	23.7%	5.0%
SAU801481	PAE205178	31%	21.0%	64.4%
SAU801481	PPU110426	32%	21.0%	64.6%
SAU801481	PSY102383	26%	32.9%	68.6%
SAU801481	SAU801481	100%	100%	100%
SAU801481	SEP200466	41%	90.9%	19.1%
SAU801481	SHA102755	35%	88.9%	47.4%
SAU801484	BFU113561	28%	80.5%	78.9%
SAU801484	CAC101692	38%	76.8%	91.9%
SAU801484	CBO102099	38%	76.8%	89.4%
SAU801484	CDF102732	38%	76.8%	91.9%
SAU801484	CDP100996	26%	82.9%	56.2%
SAU801484	EFA201899	39%	74.4%	84.7%
SAU801484	EFM102447	34%	76.8%	86.3%
SAU801484	LMO101364	59%	87.8%	97.3%
SAU801484	MAV104191	37%	80.5%	76.9%
SAU801484	MBV100688	39%	70.7%	82.5%
SAU801484	MTU203456	39%	70.7%	82.5%
SAU801484	SAU801484	100%	100%	100%
SAU801484	SEP200469	93%	100%	100%
SAU801484	SHA100251	93%	100%	100%
SAU801484	SMU100898	28%	73.2%	87.5%
SAU801484	SPN401457	33%	79.3%	66.3%
SAU801484	SPY200593	28%	73.2%	87.7%
SAU801487	CAC101789	24%	48.7%	72.4%
SAU801487	CAC103687	25%	29.5%	20.0%
SAU801487	EFA203098	21%	29.5%	83.6%
SAU801487	KPN302263	22%	41.9%	46.0%
SAU801487	LPN100452	24%	38.6%	17.1%
SAU801487	SAU801490	83%	91.3%	94.4%
SAU801487	SAU801488	69%	98.0%	97.0%
SAU801487	SAU801487	100%	100%	100%
SAU801487	SEP201760	55%	90.3%	87.2%
SAU801489	BFR101222	29%	7.6%	21.7%
SAU801489	CBO101974	25%	18.5%	50.9%
SAU801489	ECO101555	27%	10.4%	30.6%
SAU801489	HPY101333	25%	20.4%	44.5%
SAU801489	LPN100915	23%	17.8%	21.3%
SAU801489	PRT105801	27%	21.9%	64.6%
SAU801489	SAU801489	100%	100%	100%
SAU801489	SEP204035	51%	6.2%	78.6%
SAU801489	YPS001066	19%	32.4%	48.8%
SAU801490	CAC101789	24%	47.6%	76.6%
SAU801490	LPN100452	24%	39.9%	17.1%
SAU801490	PPU112163	22%	85.8%	29.3%
SAU801490	SAU801487	83%	94.4%	91.3%
SAU801490	SAU801488	63%	95.8%	91.7%
SAU801490	SAU801486	56%	100%	91.8%
SAU801490	SAU801490	100%	100%	100%
SAU801490	SEP201760	51%	97.9%	91.4%
SAU801490	YPS002035	27%	34.7%	28.3%
SAU801491	BAN101808	29%	66.7%	96.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801491	BAN110636	34%	97.6%	98.6%
SAU801491	BFR104661	27%	68.2%	88.3%
SAU801491	BBU100419	30%	43.5%	17.7%
SAU801491	CBO100338	28%	96.9%	98.8%
SAU801491	LMO102271	33%	97.8%	98.8%
SAU801491	MGE100286	23%	26.9%	62.9%
SAU801491	STY104177	31%	19.0%	0.6%
SAU801491	STM103913	32%	19.0%	0.6%
SAU801491	SAU801491	100%	100%	100%
SAU801491	SEP200477	71%	98.8%	99.2%
SAU801491	SHA100281	68%	99.1%	99.8%
SAU801491	TPA100359	51%	6.3%	4.6%
SAU801493	ABA100571	36%	85.3%	69.1%
SAU801493	BAN106396	52%	94.3%	100%
SAU801493	BAN112374	58%	96.7%	97.9%
SAU801493	BFR101094	42%	94.7%	49.4%
SAU801493	BPT105047	36%	91.0%	38.5%
SAU801493	BCE101547	38%	63.3%	57.0%
SAU801493	BFU100864	35%	94.3%	65%
SAU801493	BMA103043	36%	93.5%	41.9%
SAU801493	CJU101613	30%	94.7%	95.7%
SAU801493	CAC103000	45%	95.9%	99.2%
SAU801493	CBO100831	45%	93.5%	96.6%
SAU801493	CDF103251	44%	95.5%	99.2%
SAU801493	CDP101061	39%	93.1%	72.0%
SAU801493	EBC103840	34%	96.7%	79.7%
SAU801493	EFA201902	52%	97.1%	100%
SAU801493	ECO103916	34%	96.7%	79.7%
SAU801493	HIN101172	34%	96.7%	68.1%
SAU801493	HPY101438	30%	92.7%	91.2%
SAU801493	KPN302620	34%	96.7%	79.4%
SAU801493	LPN101167	38%	93.5%	94.0%
SAU801493	LMO102115	58%	98.4%	98.8%
SAU801493	MCA100956	36%	85.3%	64.6%
SAU801493	MAV102015	42%	93.1%	93.5%
SAU801493	MBV105381	38%	93.1%	90.9%
SAU801493	MLP100850	39%	93.5%	90.3%
SAU801493	MTU201689	38%	93.1%	90.9%
SAU801493	NGO101107	38%	94.3%	67.1%
SAU801493	NME201432	37%	97.6%	94.9%
SAU801493	PMU100661	35%	88.2%	64.1%
SAU801493	PRT101163	34%	93.1%	76.0%
SAU801493	PAE203177	33%	94.7%	61.4%
SAU801493	PPU100429	35%	94.7%	66.8%
SAU801493	PSY103194	34%	94.7%	58.1%
SAU801493	SPA102160	36%	85.7%	89.2%
SAU801493	STY103030	34%	96.7%	83.5%
SAU801493	STM102148	32%	95.5%	78.9%
SAU801493	SAU801493	100%	100%	100%
SAU801493	SEP200481	84%	100%	100%
SAU801493	SHA100025	86%	41.2%	100%
SAU801493	SMU100469	51%	95.9%	97.9%
SAU801493	SPN401687	49%	95.9%	97.9%
SAU801493	SPY200268	47%	97.6%	99.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801493	TPA100455	29%	93.1%	92.0%
SAU801493	VCH101160	35%	96.7%	75.4%
SAU801493	YPS000890	35%	96.7%	76.4%
SAU801500	BAN111913	47%	89.7%	89.5%
SAU801500	BAN102220	49%	90.4%	90.1%
SAU801500	CDF102758	24%	85.8%	67.8%
SAU801500	NGO101868	30%	22.5%	45.4%
SAU801500	NME200254	28%	30.1%	77.0%
SAU801500	SAU801500	100%	100%	100%
SAU801500	SEP200495	77%	99.7%	99.7%
SAU801500	SHA101159	78%	99.7%	99.7%
SAU801505	BAN108522	24%	14.0%	92.4%
SAU801505	BAN109710	38%	34.6%	96.2%
SAU801505	BAN100420	36%	97.2%	100%
SAU801505	BAN107027	45%	97.0%	97.6%
SAU801505	BFR106011	42%	97.0%	96.0%
SAU801505	BBU100635	41%	97.6%	97.9%
SAU801505	BCE103506	40%	98.0%	97.4%
SAU801505	BFU110875	40%	98.6%	92.7%
SAU801505	BMA104058	38%	97.0%	97.5%
SAU801505	CPN200514	40%	97.4%	95.7%
SAU801505	CTR200450	41%	97.4%	96.4%
SAU801505	CDP100263	35%	96.8%	99.4%
SAU801505	EBC101990	37%	97.2%	97.4%
SAU801505	EFA202157	51%	97.0%	95.7%
SAU801505	EFM200783	52%	97.0%	95.5%
SAU801505	ECO101820	37%	97.2%	97.4%
SAU801505	HIN100537	40%	96.8%	96.4%
SAU801505	HPY101084	33%	92.9%	95.5%
SAU801505	KPN301980	37%	97.2%	97.4%
SAU801505	LPN101375	36%	97.8%	97.2%
SAU801505	LMO101587	58%	97.2%	97.6%
SAU801505	MAV100342	37%	97.4%	93.4%
SAU801505	MBV100250	37%	97.4%	94.2%
SAU801505	MTU201428	37%	97.4%	94.2%
SAU801505	NGO101240	40%	97.4%	98.1%
SAU801505	NME201469	39%	97.4%	98.1%
SAU801505	PMU101549	40%	96.8%	96.0%
SAU801505	PRT102542	39%	97.2%	97.4%
SAU801505	PAE205434	38%	99.0%	99.6%
SAU801505	PPU102310	40%	97.6%	99.2%
SAU801505	PSY105445	40%	97.8%	96.3%
SAU801505	SPA101656	44%	50.6%	83.5%
SAU801505	STY102250	37%	97.2%	97.4%
SAU801505	SAU801505	100%	100%	100%
SAU801505	SEP200503	89%	99.8%	99.8%
SAU801505	SHA101154	85%	65.6%	100%
SAU801505	SPN401121	44%	97.0%	96.0%
SAU801505	TPA100474	39%	97.4%	94.8%
SAU801505	VCH103615	44%	96.8%	95.2%
SAU801505	YPS003483	38%	99.0%	98.6%
SAU801507	BAN108822	57%	99.3%	99.6%
SAU801507	BAN110449	62%	100%	94.5%
SAU801507	BFR12473	25%	67.4%	62.2%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801507	BPT104697	28%	91.6%	87.1%
SAU801507	BFU109800	29%	94.0%	43.2%
SAU801507	BMA108112	30%	94.0%	44.1%
SAU801507	CBO101845	58%	98.9%	98.9%
SAU801507	CDP101743	32%	90.5%	88.5%
SAU801507	EFA202421	48%	99.1%	99.6%
SAU801507	EFM200113	48%	99.6%	99.1%
SAU801507	HIN101324	20%	66.8%	58.0%
SAU801507	LPN102297	30%	10.2%	6.7%
SAU801507	MAV101648	30%	91.6%	83.4%
SAU801507	MBV103520	30%	91.6%	82.0%
SAU801507	MTU404234	30%	91.6%	90.3%
SAU801507	PMU100542	22%	38.3%	31.1%
SAU801507	PAE202150	30%	94.2%	46.2%
SAU801507	PPU100890	30%	91.6%	44.7%
SAU801507	PSY102525	31%	94.4%	47.0%
SAU801507	SAU801507	100%	100%	100%
SAU801507	SEP200506	77%	99.8%	100%
SAU801507	SHA100419	79%	83.1%	100%
SAU801507	SMU100841	44%	100%	100%
SAU801507	SPN400310	43%	99.8%	99.8%
SAU801507	SPY201517	44%	99.8%	99.6%
SAU801508	BAN105249	39%	59.9%	59.9%
SAU801508	BAN103335	36%	98.8%	97.1%
SAU801508	CAC101861	29%	98.5%	94.5%
SAU801508	CBO101579	30%	98.8%	98.8%
SAU801508	EBC102003	28%	94.1%	97.8%
SAU801508	EFA202242	30%	95.9%	95.2%
SAU801508	EFM200454	28%	99.4%	98.2%
SAU801508	ECO101291	28%	92.9%	94.6%
SAU801508	LMO101532	28%	99.4%	98.2%
SAU801508	SAU801508	100%	100%	100%
SAU801508	SHA100288	41%	94.1%	99.7%
SAU801508	SMU101053	31%	99.7%	98.5%
SAU801508	SPN401919	34%	79.6%	81.7%
SAU801508	SPY200996	32%	99.7%	98.8%
SAU801511	ABA106023	23%	42.3%	63.5%
SAU801511	BAN111119	61%	11.5%	84.4%
SAU801511	BAN105234	53%	84.6%	97.8%
SAU801511	BAN113086	64%	98.9%	99.1%
SAU801511	BFR101518	51%	98.5%	95.5%
SAU801511	BPT101882	25%	44.0%	66.9%
SAU801511	BBU100560	49%	98.5%	99.4%
SAU801511	BCE101525	65%	98.9%	99.1%
SAU801511	BFU110445	62%	98.9%	99.1%
SAU801511	BMA101484	63%	99.4%	99.4%
SAU801511	CPN200393	47%	99.6%	98.1%
SAU801511	CTR200328	47%	98.7%	97.3%
SAU801511	CAC103227	24%	51.5%	77.7%
SAU801511	CDF100221	24%	47.2%	69.4%
SAU801511	CDP101096	52%	98.7%	96.5%
SAU801511	EBC100628	66%	60.0%	100%
SAU801511	EFA202110	67%	99.6%	99.2%
SAU801511	EFM201302	32%	96.6%	99%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801511	ECO101988	66%	99.4%	99.4%
SAU801511	HIN100532	56%	98.5%	95.9%
SAU801511	HPY200581	21%	45.5%	69.8%
SAU801511	KPN300636	66%	98.3%	100%
SAU801511	LPN102651	26%	43.2%	64.4%
SAU801511	LMO100124	64%	98.9%	98.3%
SAU801511	MAV102693	49%	99.1%	95.5%
SAU801511	MBV102034	50%	93.2%	99.5%
SAU801511	MLP101249	50%	99.4%	96.5%
SAU801511	MTU201811	51%	98.7%	95.9%
SAU801511	NGO102016	54%	99.4%	97.1%
SAU801511	NME200246	54%	99.4%	97.1%
SAU801511	PMU101554	56%	98.5%	95.9%
SAU801511	PRT100074	66%	54.9%	98.8%
SAU801511	PAE201575	25%	41.7%	64.6%
SAU801511	PPU102849	29%	96.4%	99.1%
SAU801511	PSY105462	31%	81.0%	98.5%
SAU801511	SPA105071	66%	99.4%	99.4%
SAU801511	STY103509	66%	99.4%	99.4%
SAU801511	STM100645	21%	60.0%	89.7%
SAU801511	SAU801511	100%	100%	100%
SAU801511	SEP200507	89%	100%	100%
SAU801511	SHA102447	83%	100%	100%
SAU801511	SHA100561	91%	100%	98.7%
SAU801511	SPN400335	66%	98.9%	98.5%
SAU801511	SPY102341	66%	16.0%	97.4%
SAU801511	TPA100327	50%	99.4%	97.1%
SAU801511	VCH103617	55%	99.4%	97.1%
SAU801511	YPS002961	68%	99.1%	99.1%
SAU801513	BAN108627	35%	95.1%	96.9%
SAU801513	BAN111615	36%	95.1%	96.6%
SAU801513	BFR11644	24%	43.6%	36.4%
SAU801513	CAC100965	31%	94.5%	96.9%
SAU801513	CBO101390	31%	94.5%	93.7%
SAU801513	CDF101701	20%	91.7%	92.3%
SAU801513	EFA202281	30%	96.3%	99.1%
SAU801513	EFM101954	28%	50%	85.9%
SAU801513	LMO100864	27%	94.8%	95.1%
SAU801513	MBV104087	21%	40.5%	39.2%
SAU801513	MTU202534	21%	40.5%	39.2%
SAU801513	PAE203357	21%	42.3%	43.5%
SAU801513	PPU111785	22%	26.4%	51.7%
SAU801513	SAU801513	100%	100%	100%
SAU801513	SEP200509	76%	99.7%	100%
SAU801513	SHA100407	70%	99.7%	100%
SAU801513	SPN401597	26%	94.5%	97.5%
SAU801513	SPY200963	24%	93.6%	96.2%
SAU801514	BAN109993	70%	97.9%	98.6%
SAU801514	SAU801514	100%	100%	100%
SAU801514	SEP200880	87%	100%	100%
SAU801514	SHA100406	88%	100%	100%
SAU801515	BAN113643	43%	99.5%	98.9%
SAU801515	BAN110237	52%	99.5%	98.9%
SAU801515	BFR11470	36%	97.9%	98.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801515	CPN200222	32%	98.3%	99.0%
SAU801515	CTR200670	30%	98.3%	93.9%
SAU801515	CDF100259	33%	69.6%	84.8%
SAU801515	CDP100400	39%	17.2%	22.2%
SAU801515	EFA201273	48%	99.8%	99.1%
SAU801515	LMO102719	56%	99.8%	99.0%
SAU801515	MBV104450	33%	46.9%	12.1%
SAU801515	MTU202181	33%	46.9%	12.1%
SAU801515	MGE100278	33%	97.6%	97.4%
SAU801515	SAU801515	100%	100%	100%
SAU801515	SEP200881	68%	100%	100%
SAU801515	SHA100405	70%	100%	100%
SAU801516	ABA101027	41%	99.7%	99.7%
SAU801516	BAN105255	43%	85.0%	90.3%
SAU801516	BAN110745	69%	100%	100%
SAU801516	BFR11469	41%	98.2%	47.0%
SAU801516	BFU108548	43%	96.3%	96.4%
SAU801516	CPN200731	43%	97.9%	47.8%
SAU801516	CTR200608	43%	97.9%	47.8%
SAU801516	CBO101881	46%	99.1%	99.7%
SAU801516	CDF100258	44%	93.9%	97.8%
SAU801516	EFA201271	56%	100%	49.6%
SAU801516	ECO100412	25%	75.2%	36.9%
SAU801516	KPN304382	26%	74.9%	75.2%
SAU801516	LMO101318	65%	100%	100%
SAU801516	MAV101952	41%	96.3%	93.2%
SAU801516	PRT104897	25%	74.3%	36.2%
SAU801516	PAE202246	43%	91.1%	88.9%
SAU801516	PSY101642	26%	70.9%	71.9%
SAU801516	SPA102152	22%	70.0%	72.5%
SAU801516	STY100985	23%	70.0%	69.4%
SAU801516	SAU801516	100%	100%	100%
SAU801516	SEP200882	89%	100%	100%
SAU801516	SHA100929	87%	75.8%	96.9%
SAU801516	SMU100292	40%	99.1%	98.0%
SAU801516	SPN401050	45%	97.9%	97.0%
SAU801516	SPY200776	44%	95.1%	94.9%
SAU801516	TPA100815	24%	73.1%	36.7%
SAU801516	VCH100873	24%	74.0%	36.7%
SAU801516	YPS003520	25%	75.2%	74.5%
SAU801517	ABA101029	33%	95.8%	98.4%
SAU801517	BAN100062	46%	97.9%	99.1%
SAU801517	BAN105443	55%	97.9%	97.6%
SAU801517	BFU114632	32%	96.7%	97.9%
SAU801517	CJU100290	23%	49.7%	33.8%
SAU801517	EFA103865	45%	96.1%	97.9%
SAU801517	LMO102895	55%	97.6%	97.9%
SAU801517	PPU103038	33%	95.8%	97.5%
SAU801517	SAU801517	100%	100%	100%
SAU801517	SEP200883	81%	99.1%	98.5%
SAU801517	SHA100928	82%	99.7%	99.1%
SAU801517	SPN401051	31%	96.4%	99.1%
SAU801518	BAN105760	32%	88.4%	93.5%
SAU801518	BAN100264	48%	99.2%	99.4%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801518	BFR11786	32%	96.6%	99.3%
SAU801518	BFR10034	32%	96.6%	98.9%
SAU801518	EFA201252	48%	99.2%	99.4%
SAU801518	LMO100523	46%	99.2%	99.4%
SAU801518	SAU801518	100%	100%	100%
SAU801518	SEP200884	70%	100%	100%
SAU801518	SHA100927	70%	100%	95.0%
SAU801518	SMU101480	36%	99.8%	78.5%
SAU801518	SPY200778	35%	99.8%	77.9%
SAU801521	ABA101203	40%	89.4%	87.8%
SAU801521	BAN104007	40%	90.1%	98.9%
SAU801521	BAN101637	45%	95.9%	94.9%
SAU801521	BFR11516	38%	64.2%	65.5%
SAU801521	BPT101397	37%	91.5%	89.4%
SAU801521	BCE105992	38%	97.6%	97.3%
SAU801521	BFU102595	41%	89.4%	88.7%
SAU801521	BMA106450	38%	91.5%	90.8%
SAU801521	CJU101550	42%	76.1%	78.6%
SAU801521	CPN201106	34%	66.9%	70.2%
SAU801521	CTR200905	32%	84.0%	83.2%
SAU801521	CAC100312	44%	97.6%	99.0%
SAU801521	CBO103178	44%	92.8%	91.8%
SAU801521	CDF101808	50%	76.8%	76.9%
SAU801521	EBC103067	42%	90.8%	90.3%
SAU801521	EFA202196	49%	87.7%	88.7%
SAU801521	EFM100682	48%	81.2%	89.8%
SAU801521	ECO100413	42%	90.8%	90.3%
SAU801521	HIN101407	43%	87.4%	87.5%
SAU801521	HPY100913	35%	83.3%	80.9%
SAU801521	KPN303447	42%	90.8%	90.3%
SAU801521	LPN101272	41%	82.3%	83.3%
SAU801521	LMO102568	52%	97.6%	95.9%
SAU801521	MCA102758	38%	94.5%	81.9%
SAU801521	MAV101215	32%	71.0%	53.0%
SAU801521	MBV101130	34%	70.0%	64.7%
SAU801521	MTU203338	34%	70.0%	57.1%
SAU801521	NGO100628	41%	86.0%	83.6%
SAU801521	NME202061	41%	86.0%	83.6%
SAU801521	PMU100533	40%	96.9%	96.3%
SAU801521	PRT101971	40%	96.2%	92.5%
SAU801521	PAE204040	41%	88.7%	88.5%
SAU801521	PPU108239	39%	90.8%	90.5%
SAU801521	PSY102175	40%	90.8%	90.5%
SAU801521	SPA103652	36%	90.8%	90.3%
SAU801521	STY100443	42%	90.8%	90.3%
SAU801521	SAU801521	100%	100%	100%
SAU801521	SEP200890	68%	100%	100%
SAU801521	SHA100008	69%	100%	100%
SAU801521	SMU100705	44%	95.9%	97.9%
SAU801521	SPN401086	45%	88.4%	89.7%
SAU801521	SPY201152	47%	89.1%	90.3%
SAU801521	VCH100874	44%	92.2%	92.5%
SAU801521	YPS001917	41%	91.1%	88.6%
SAU801523	ABA105166	23%	98.9%	97.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801523	BAN107094	37%	96.6%	98.2%
SAU801523	BAN107312	41%	98.2%	97.1%
SAU801523	BFR10436	22%	98.2%	99.8%
SAU801523	BCE105570	35%	36.0%	87.3%
SAU801523	BFU106862	32%	97.8%	94.1%
SAU801523	BMA103262	32%	98.2%	85.1%
SAU801523	CJU100294	35%	74.4%	85.8%
SAU801523	CPN200772	35%	97.8%	97.5%
SAU801523	CTR200597	32%	99.1%	98.1%
SAU801523	CAC102940	37%	98.2%	98.7%
SAU801523	CBO103748	39%	84.5%	95.0%
SAU801523	CDF101807	35%	98.0%	97.5%
SAU801523	CDP100939	28%	91.5%	90.1%
SAU801523	EBC102031	36%	98.0%	95.4%
SAU801523	EFA202200	42%	99.3%	98.7%
SAU801523	EFM100680	42%	98.4%	98.4%
SAU801523	ECO102460	35%	98.0%	95.6%
SAU801523	HIN100377	37%	92.4%	94.1%
SAU801523	HPY100965	42%	17.3%	63.6%
SAU801523	HPY100255	34%	98.4%	99.0%
SAU801523	KPN304083	35%	97.8%	94.0%
SAU801523	LPN102596	32%	98.2%	98.2%
SAU801523	LMO100760	39%	97.8%	96.9%
SAU801523	MCA102830	23%	98.9%	87.8%
SAU801523	MAV100804	28%	92.6%	90.4%
SAU801523	MBV104380	28%	81.6%	79.3%
SAU801523	MLP101180	29%	92.6%	88.6%
SAU801523	MTU201093	28%	81.6%	79.3%
SAU801523	NGO101103	34%	99.1%	98.6%
SAU801523	NME201434	34%	99.8%	97.6%
SAU801523	PMU100168	35%	99.1%	99.3%
SAU801523	PRT103272	34%	98.0%	94.4%
SAU801523	PAE203774	33%	92.4%	89.3%
SAU801523	PPU101396	36%	91.5%	88.5%
SAU801523	PSY103770	35%	92.6%	88.8%
SAU801523	SPA100549	38%	76.9%	91.8%
SAU801523	STY101689	35%	98.7%	97.8%
SAU801523	STM101426	35%	98.7%	97.8%
SAU801523	SAU801523	100%	100%	100%
SAU801523	SEP200892	76%	100%	100%
SAU801523	SHA100991	72%	99.3%	99.3%
SAU801523	SMU100701	41%	99.1%	98.9%
SAU801523	SPN401088	42%	99.1%	98.7%
SAU801523	SPY201154	39%	99.8%	99.8%
SAU801523	VCH100753	34%	95.7%	95.5%
SAU801523	YPS003204	33%	98.7%	95.6%
SAU801526	ABA100122	49%	99.8%	98.0%
SAU801526	BAN102154	62%	97.6%	99.5%
SAU801526	BAN113444	66%	99.1%	99.3%
SAU801526	BFR11613	50%	98.4%	87.9%
SAU801526	BFR11898	53%	98.0%	87.5%
SAU801526	BPT100134	51%	98.2%	96.9%
SAU801526	BCE104481	53%	97.8%	96.5%
SAU801526	BFU115826	52%	97.8%	96.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801526	BMA101045	52%	97.8%	96.5%
SAU801526	CJU101214	51%	98.4%	99.5%
SAU801526	CPN200575	56%	98.0%	97.1%
SAU801526	CTR200394	56%	98.2%	96.7%
SAU801526	CAC103617	60%	98.2%	98.9%
SAU801526	CBO103874	56%	98.0%	98.4%
SAU801526	CDF101399	55%	98.0%	97.4%
SAU801526	CDP100825	47%	95.1%	71.9%
SAU801526	EBC102634	49%	69.8%	99.0%
SAU801526	EFA200245	58%	99.3%	98.2%
SAU801526	EFM201807	58%	98.9%	97.2%
SAU801526	ECO103186	53%	98.2%	98.2%
SAU801526	HIN100951	54%	99.6%	99.8%
SAU801526	HPY100366	51%	98.4%	96.5%
SAU801526	KPN308876	52%	98.2%	98.2%
SAU801526	LPN102993	53%	98.2%	98.7%
SAU801526	LMO101165	68%	99.3%	98.7%
SAU801526	MCA102208	50%	98.0%	98.2%
SAU801526	MAV103606	49%	97.3%	61.9%
SAU801526	MBV101167	46%	98.0%	67.7%
SAU801526	MLP100439	47%	93.1%	69.9%
SAU801526	MTU202464	46%	98.0%	67.7%
SAU801526	MPN100138	21%	33.7%	47.6%
SAU801526	NGO101616	53%	98.0%	97.1%
SAU801526	NME200552	52%	98.0%	97.1%
SAU801526	PMU101091	54%	99.6%	99.8%
SAU801526	PRT100504	52%	98.2%	98.4%
SAU801526	PAE205431	54%	98.4%	93.6%
SAU801526	PPU102301	54%	98.4%	93.6%
SAU801526	PSY108097	51%	98.0%	98.4%
SAU801526	SPA101601	52%	98.2%	99.3%
SAU801526	STY101665	52%	98.2%	98.2%
SAU801526	STM102307	52%	98.2%	98.2%
SAU801526	SAU801526	100%	100%	100%
SAU801526	SEP200908	88%	99.6%	99.3%
SAU801526	SHA100988	88%	99.8%	99.8%
SAU801526	SMU100533	59%	96.9%	97.1%
SAU801526	SPN400385	56%	97.6%	96.9%
SAU801526	SPY201344	59%	97.6%	97.1%
SAU801526	VCH100291	54%	98.2%	98.7%
SAU801526	YPS003128	54%	98.2%	98.2%
SAU801529	SAU801529	100%	100%	100%
SAU801530	EFM102296	36%	26.2%	98.0%
SAU801530	LPN102745	26%	56.5%	28.1%
SAU801530	SAU801530	100%	100%	100%
SAU801530	SEP200922	73%	97.9%	53.0%
SAU801530	SHA100985	60%	97.9%	53.1%
SAU801530	SPN200817	50%	24.1%	76.7%
SAU801530	SPY100203	31%	34.6%	90.4%
SAU801537	ABA100533	28%	20.7%	29.6%
SAU801537	BAN111655	51%	88.7%	99.1%
SAU801537	BAN103769	52%	97.0%	96.7%
SAU801537	BFR10109	42%	97.2%	98.6%
SAU801537	BPT101499	38%	98.3%	96.4%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801537	BCE108544	37%	97.2%	96.0%
SAU801537	BFU101740	38%	97.8%	96.5%
SAU801537	BMA104071	39%	97.2%	96.0%
SAU801537	CBO100281	49%	97.8%	95.5%
SAU801537	EBC102214	41%	97.0%	96.4%
SAU801537	ECO102841	42%	97.0%	96.4%
SAU801537	HIN100446	29%	16.0%	20.7%
SAU801537	HPY100369	30%	23.7%	11.4%
SAU801537	KPN302317	42%	97.0%	96.4%
SAU801537	LPN102134	43%	96.7%	96.4%
SAU801537	LMO101246	51%	97.5%	97.2%
SAU801537	MCA103134	37%	97.0%	95.6%
SAU801537	MAV101181	38%	97.8%	96.5%
SAU801537	MBV103611	37%	97.2%	92.9%
SAU801537	MLP100525	36%	97.5%	96.2%
SAU801537	MTU202177	37%	97.2%	92.9%
SAU801537	NGO101406	40%	97.2%	95.9%
SAU801537	NME200699	39%	97.2%	95.4%
SAU801537	PRT102357	40%	97.0%	96.4%
SAU801537	PAE205210	40%	96.7%	96.1%
SAU801537	PPU102197	40%	97.0%	96.4%
SAU801537	PSY103024	42%	89.8%	90%
SAU801537	SPA100601	41%	80.4%	94.8%
SAU801537	STY104162	41%	97.0%	96.4%
SAU801537	SAU801537	100%	100%	100%
SAU801537	SEP200945	76%	100%	100%
SAU801537	SHA100726	78%	66.1%	100%
SAU801537	YPS000179	41%	97.0%	96.2%
SAU801552	BAN111435	27%	10.4%	98.6%
SAU801552	BAN111478	36%	61.2%	99.8%
SAU801552	BAN101568	36%	95.5%	97.6%
SAU801552	BAN101801	44%	68.0%	99.8%
SAU801552	BAN109554	36%	96.8%	96.5%
SAU801552	BAN100977	45%	84.9%	98.2%
SAU801552	BAN112527	41%	97.7%	97.1%
SAU801552	BAN109997	42%	99.1%	98.4%
SAU801552	EFA200268	37%	95.8%	95.9%
SAU801552	EFM202382	38%	94.5%	93.6%
SAU801552	LMO101809	40%	99.4%	96.0%
SAU801552	SAU801552	100%	100%	100%
SAU801552	SEP200968	84%	99.6%	98.6%
SAU801552	SHA101019	79%	99.1%	99.9%
SAU801552	SMU100731	33%	97.4%	98.3%
SAU801552	SPN401516	32%	95.9%	97.7%
SAU801552	SPY102094	27%	28.1%	100%
SAU801554	BAN103376	41%	94.9%	97.7%
SAU801554	BAN106361	45%	98.5%	98.5%
SAU801554	EFA200380	41%	97.8%	93.8%
SAU801554	LMO100045	51%	98.5%	95.7%
SAU801554	SAU801554	100%	100%	100%
SAU801554	SEP200986	85%	99.3%	97.1%
SAU801554	SHA101073	83%	99.3%	96.4%
SAU801557	BAN104029	74%	91.2%	98.5%
SAU801557	BAN112485	72%	99.3%	99.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801557	BFR10491	33%	86.8%	92.4%
SAU801557	BFU108696	48%	13.2%	11.6%
SAU801557	CPN200013	32%	87.5%	89.1%
SAU801557	CTR200902	33%	87.5%	90.6%
SAU801557	CAC100742	27%	54.4%	57.4%
SAU801557	CBO101029	24%	77.4%	82.3%
SAU801557	CDF102470	40%	94.6%	97.1%
SAU801557	EBC100541	26%	33.8%	93.5%
SAU801557	EFA201039	70%	100%	99.7%
SAU801557	EFM200108	69%	97.6%	96.3%
SAU801557	ECO102118	32%	86.8%	90.9%
SAU801557	KPN302671	34%	86.8%	91.2%
SAU801557	LMO101207	71%	98.3%	98.0%
SAU801557	MAV102930	29%	61.1%	84.6%
SAU801557	MBV100817	31%	81.4%	86.9%
SAU801557	MLP101143	31%	81.4%	86.9%
SAU801557	MTU200667	31%	81.4%	86.9%
SAU801557	MGE100240	36%	94.6%	95.2%
SAU801557	MPN100508	41%	94.6%	96.9%
SAU801557	PRT103078	34%	86.8%	92.2%
SAU801557	SPA101840	33%	80.4%	85.5%
SAU801557	STY104295	33%	86.8%	90.9%
SAU801557	STM104044	33%	86.8%	90.9%
SAU801557	SAU801557	100%	100%	100%
SAU801557	SEP200992	86%	100%	100%
SAU801557	SHA101070	85%	100%	99.0%
SAU801557	UUR100308	44%	100%	98.0%
SAU801557	VCH102325	33%	87.2%	90.9%
SAU801557	YPS001104	32%	86.8%	90.9%
SAU801558	BAN101728	35%	95.5%	100%
SAU801558	BAN104506	45%	95.5%	98.6%
SAU801558	EFA202379	44%	98.4%	97.8%
SAU801558	EFM202075	45%	98.4%	99.3%
SAU801558	LMO101935	42%	96.0%	98.9%
SAU801558	SAU801558	100%	100%	100%
SAU801558	SEP200994	82%	99.6%	99.8%
SAU801558	SHA101069	81%	100%	100%
SAU801558	SMU101455	44%	98.7%	99.1%
SAU801558	SPN400670	43%	98.7%	99.1%
SAU801558	SPY201279	41%	98.7%	99.1%
SAU801558	UUR100589	34%	96.4%	96.8%
SAU801565	BAN102454	62%	99.1%	100%
SAU801565	BAN109844	74%	99.1%	99.3%
SAU801565	BFR10455	50%	97.8%	96.1%
SAU801565	BBU100370	49%	97.8%	96.4%
SAU801565	CAC103604	68%	99.4%	99.1%
SAU801565	CBO100196	69%	99.6%	99.1%
SAU801565	CDP100533	48%	98.5%	97.8%
SAU801565	MAV106180	50%	99.8%	92.5%
SAU801565	MBV102613	51%	99.8%	94.4%
SAU801565	MLP100499	48%	99.8%	98.7%
SAU801565	MTU202321	51%	99.8%	98.7%
SAU801565	MGE100255	42%	97.8%	98.0%
SAU801565	MPN100482	41%	98.1%	97.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801565	SAU801565	100%	100%	100%
SAU801565	SEP201018	93%	100%	100%
SAU801565	SHA101653	92%	100%	100%
SAU801565	TPA100664	45%	98.9%	98.9%
SAU801565	UUR100498	52%	98.9%	96.6%
SAU801567	ABA104706	41%	98.0%	89.2%
SAU801567	BAN106100	53%	95.7%	99.7%
SAU801567	BAN104384	66%	98.7%	98.0%
SAU801567	BFR10151	44%	98.3%	99.7%
SAU801567	BPT102612	36%	97.7%	98.3%
SAU801567	BBU100659	37%	96.3%	99.0%
SAU801567	BCE103799	39%	98.0%	97.7%
SAU801567	BFU101300	38%	98.0%	97.7%
SAU801567	BMA106167	40%	98.0%	97.7%
SAU801567	CJU100617	33%	96.3%	97.9%
SAU801567	CAC100901	50%	97.0%	97.6%
SAU801567	CBO100020	51%	97.0%	98.0%
SAU801567	CDF104210	56%	97.0%	98.3%
SAU801567	CDP100545	39%	90.0%	100%
SAU801567	EBC102411	38%	80.9%	98.0%
SAU801567	EFA200395	63%	99.3%	99%
SAU801567	EFM200497	62%	99.7%	99.7%
SAU801567	ECO102517	39%	97.3%	97.0%
SAU801567	HIN100012	40%	97.3%	96.7%
SAU801567	HPY100512	32%	98.7%	98.0%
SAU801567	KPN303149	40%	99.3%	99.7%
SAU801567	LPN101153	39%	96.3%	97.6%
SAU801567	LMO100968	58%	98.3%	98.0%
SAU801567	MCA101618	40%	97.0%	91.2%
SAU801567	MAV106432	44%	98.3%	100%
SAU801567	MBV102618	43%	98.3%	97.1%
SAU801567	MLP100395	42%	98.3%	99.3%
SAU801567	MTU202328	43%	98.3%	100%
SAU801567	MPN100274	24%	90.0%	93.1%
SAU801567	NGO101005	38%	97.0%	89.8%
SAU801567	NME200824	38%	97.0%	94.8%
SAU801567	PMU100060	38%	97.3%	95.4%
SAU801567	PRT105132	39%	97.3%	96.7%
SAU801567	PAE200770	38%	97.0%	95.1%
SAU801567	PPU107911	39%	97.0%	96.7%
SAU801567	PSY102356	40%	98.0%	97.7%
SAU801567	SPA103313	39%	97.3%	97.0%
SAU801567	STY102109	39%	97.3%	97.0%
SAU801567	SAU801567	100%	100%	100%
SAU801567	SEP201022	94%	100%	100%
SAU801567	SHA101651	92%	100%	100%
SAU801567	SMU101127	61%	97.0%	97.3%
SAU801567	SPN400871	62%	97.7%	98.0%
SAU801567	SPY200342	60%	98.3%	99.0%
SAU801567	TPA100535	30%	97.0%	97.5%
SAU801567	UUR100496	34%	97.0%	96.4%
SAU801567	VCH102424	40%	97.3%	90.2%
SAU801567	YPS002232	38%	97.3%	96.4%
SAU801572	ECO101986	22%	65.1%	43.5%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801572	SPA101417	27%	41.8%	43.4%
SAU801572	STY102068	27%	41.8%	43.9%
SAU801572	SAU801572	100%	100%	100%
SAU801572	SEP201028	46%	100%	100%
SAU801572	SHA101646	42%	100%	100%
SAU801580	ABA101828	59%	82.5%	100%
SAU801580	BAN105420	62%	40.5%	99.6%
SAU801580	BAN112806	79%	57.5%	100%
SAU801580	BAN101659	75%	99.5%	99.8%
SAU801580	BFR104209	60%	99.2%	100%
SAU801580	BPT102710	57%	99.5%	99.8%
SAU801580	BBU100517	61%	100%	100%
SAU801580	BCE103385	55%	99.5%	100%
SAU801580	BFU102634	55%	99.5%	100%
SAU801580	BMA105956	55%	96.1%	93.8%
SAU801580	CJU100698	57%	98.4%	99.7%
SAU801580	CPN200248	57%	99.7%	98.9%
SAU801580	CTR200665	58%	98.9%	97.9%
SAU801580	CAC101902	64%	99.8%	100%
SAU801580	CBO102574	64%	99.5%	99.8%
SAU801580	CDF100724	66%	99.5%	99.8%
SAU801580	CDP101465	60%	99.8%	99.3%
SAU801580	EBC103112	37%	95.6%	96.3%
SAU801580	EFA200573	77%	99.8%	100%
SAU801580	EFM201964	82%	8.5%	100%
SAU801580	ECO100014	55%	99.3%	99.7%
SAU801580	HIN101209	53%	99.5%	99.8%
SAU801580	HPY100107	55%	99.7%	98.9%
SAU801580	KPN301135	54%	94.9%	99.0%
SAU801580	LPN102089	55%	100%	100%
SAU801580	LMO100117	76%	100%	99.7%
SAU801580	MCA103113	55%	99.3%	99.8%
SAU801580	MAV101249	63%	76.2%	100%
SAU801580	MBV102185	58%	100%	99.7%
SAU801580	MLP101485	58%	100%	99.7%
SAU801580	MTU200349	58%	100%	99.7%
SAU801580	MGE100311	57%	95.2%	98.8%
SAU801580	MPN100407	56%	95.2%	98.8%
SAU801580	NGO101449	56%	99.8%	100%
SAU801580	NME200678	56%	99.8%	100%
SAU801580	PMU100736	57%	99.5%	99.8%
SAU801580	PRT105582	53%	100%	100%
SAU801580	PAE204757	56%	99.5%	99.8%
SAU801580	PPU100111	56%	100%	100%
SAU801580	PSY104756	55%	99.3%	99.7%
SAU801580	SPA100920	53%	99.3%	99.7%
SAU801580	STY100388	55%	99.3%	99.7%
SAU801580	STM100061	55%	99.3%	99.7%
SAU801580	SAU801580	100%	100%	100%
SAU801580	SEP201054	90%	100%	99.8%
SAU801580	SHA100529	91%	100%	99.8%
SAU801580	SMU101376	72%	99.7%	99.3%
SAU801580	SPN400455	74%	98.9%	99.8%
SAU801580	SPY201356	74%	98.9%	99.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801580	TPA100214	58%	100%	100%
SAU801580	UUR100341	56%	98.4%	99.2%
SAU801580	VCH100839	55%	99.8%	100%
SAU801580	YPS000806	54%	99.3%	99.7%
SAU801593	BAN110580	35%	93.8%	96.8%
SAU801593	BAN111416	42%	93.8%	95.2%
SAU801593	CAC102263	43%	87.6%	89.4%
SAU801593	CBO100870	36%	92.3%	89%
SAU801593	CDF103337	40%	94.3%	96.3%
SAU801593	EFA200252	40%	88.7%	86.7%
SAU801593	EFM200106	37%	88.7%	87.2%
SAU801593	LMO100476	39%	88.1%	88.5%
SAU801593	MGE100245	32%	63.4%	41.4%
SAU801593	MPN100500	32%	65.5%	42.6%
SAU801593	SAU801593	100%	100%	100%
SAU801593	SEP201082	81%	100%	100%
SAU801593	SHA101365	79%	100%	100%
SAU801593	SMU101104	35%	94.8%	92.4%
SAU801593	SPN401589	36%	89.2%	86.8%
SAU801593	SPY200226	32%	92.8%	91.4%
SAU801593	TPA100732	32%	63.9%	68.1%
SAU801596	ABA104791	36%	92.5%	95.4%
SAU801596	BAN105708	35%	98.9%	98.9%
SAU801596	BAN100439	43%	98.9%	98.6%
SAU801596	BFR100940	32%	91.8%	98.4%
SAU801596	BPT102959	32%	98.5%	95.8%
SAU801596	BCE113860	30%	94.4%	93.3%
SAU801596	BFU107002	32%	92.9%	88.2%
SAU801596	BMA107935	33%	94.4%	93.3%
SAU801596	CJU100373	33%	98.9%	98.9%
SAU801596	CPN200802	29%	91.4%	49.5%
SAU801596	CTR200639	30%	91.0%	48.7%
SAU801596	CAC100326	28%	93.7%	68.1%
SAU801596	CBO101162	30%	90.7%	94.6%
SAU801596	CDF100361	32%	95.1%	94.8%
SAU801596	CDP100373	27%	98.9%	94.5%
SAU801596	EBC103139	29%	57.1%	87.6%
SAU801596	EFA201865	32%	95.9%	94.8%
SAU801596	ECO101660	31%	95.9%	95.8%
SAU801596	HIN100636	31%	98.5%	97.4%
SAU801596	HPY101232	34%	90.7%	90.5%
SAU801596	KPN301549	34%	95.1%	96.1%
SAU801596	LPN102392	32%	91.8%	92.5%
SAU801596	LMO101551	46%	99.3%	98.9%
SAU801596	MCA103619	32%	95.5%	98.5%
SAU801596	MAV103673	24%	95.5%	98.1%
SAU801596	MBV100973	25%	97.0%	96.6%
SAU801596	MLP100312	24%	97.0%	94.2%
SAU801596	MTU202515	25%	97.0%	96.3%
SAU801596	NGO100780	32%	94.4%	91.0%
SAU801596	NME201966	33%	94.4%	93.7%
SAU801596	PMU101271	32%	91.8%	93.3%
SAU801596	PRT105310	30%	94.8%	94.9%
SAU801596	PAE200243	27%	94.8%	93.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801596	PPU111361	30%	94.8%	94.3%
SAU801596	PSY102591	31%	94.4%	93.3%
SAU801596	SPA104338	34%	91.4%	91.5%
SAU801596	STY101862	34%	91.4%	91.5%
SAU801596	SAU801596	100%	100%	100%
SAU801596	SEP201086	71%	100%	99.6%
SAU801596	SHA101362	67%	99.6%	99.6%
SAU801596	SMU100089	33%	98.9%	96.5%
SAU801596	SPN401233	34%	92.5%	91.2%
SAU801596	SPY201222	34%	95.1%	93.8%
SAU801596	VCH100056	32%	91.8%	89.9%
SAU801596	YPS002545	35%	99.6%	97.8%
SAU801597	BAN105757	48%	99.5%	100%
SAU801597	BAN111582	52%	100%	100%
SAU801597	EFA200249	48%	100%	100%
SAU801597	EFM202278	48%	98.9%	99.5%
SAU801597	LMO102317	49%	100%	100%
SAU801597	SAU801597	100%	100%	100%
SAU801597	SEP201087	84%	100%	100%
SAU801597	SHA101361	83%	100%	100%
SAU801597	SMU101110	46%	98.9%	99.2%
SAU801597	SPN401592	48%	100%	100%
SAU801597	SPY200223	47%	98.9%	99.2%
SAU801597	UUR100473	29%	96.2%	95.8%
SAU801599	ABA100279	24%	84.6%	72.8%
SAU801599	BAN101650	46%	89.5%	88.9%
SAU801599	BAN108836	47%	99.6%	98.7%
SAU801599	BFR104094	28%	81.6%	87.2%
SAU801599	BPT102655	20%	68.0%	31.7%
SAU801599	BBU100587	35%	98.7%	89.1%
SAU801599	BBU100374	36%	98.7%	98.7%
SAU801599	BCE100924	30%	96.5%	90.2%
SAU801599	BFU109681	30%	96.5%	76.0%
SAU801599	BMA103603	29%	96.5%	90.8%
SAU801599	CJU100106	33%	99.6%	98.7%
SAU801599	CPN200522	22%	68.4%	60.6%
SAU801599	CAC100045	40%	99.6%	99.1%
SAU801599	CBO101197	40%	99.6%	99.1%
SAU801599	CDF101106	43%	96.9%	96.1%
SAU801599	CDP102826	24%	78.5%	83.7%
SAU801599	EBC102139	52%	98.7%	96.6%
SAU801599	EFA200856	47%	99.6%	98.7%
SAU801599	EFM202072	46%	99.6%	98.7%
SAU801599	ECO100159	54%	99.6%	97.8%
SAU801599	HIN101188	53%	99.6%	99.1%
SAU801599	HPY100087	36%	99.6%	98.3%
SAU801599	KPN306028	52%	99.6%	97.8%
SAU801599	LMO102202	50%	99.6%	99.1%
SAU801599	MBV102135	30%	99.6%	97.3%
SAU801599	MTU200091	30%	99.6%	97.3%
SAU801599	NGO100042	47%	99.6%	97.9%
SAU801599	NME200901	45%	99.6%	97.9%
SAU801599	PMU100194	52%	99.6%	99.1%
SAU801599	PRT104077	48%	99.6%	96.6%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801599	PAE203967	24%	75.4%	35.3%
SAU801599	PPU107143	29%	80.7%	86.7%
SAU801599	PSY105099	24%	75.4%	36.1%
SAU801599	SPA102658	53%	99.6%	97.8%
SAU801599	STY103498	53%	99.6%	97.8%
SAU801599	SAU801599	100%	100%	100%
SAU801599	SEP201090	71%	100%	100%
SAU801599	SHA101359	71%	100%	100%
SAU801599	SMU101154	42%	96.5%	95.2%
SAU801599	SPN400894	43%	99.6%	98.7%
SAU801599	SPY200320	41%	99.6%	98.3%
SAU801599	TPA100168	35%	95.2%	89.2%
SAU801599	UUR100475	40%	50%	95.8%
SAU801599	VCH102344	53%	99.6%	98.7%
SAU801599	YPS000146	50%	99.6%	97.4%
SAU801605	ABA100484	46%	99.2%	97.6%
SAU801605	BAN111697	60%	17.2%	70.5%
SAU801605	BAN107867	55%	66.4%	98.2%
SAU801605	BAN106428	54%	93.6%	92.9%
SAU801605	BPT101355	52%	98.8%	98.8%
SAU801605	BCE104528	36%	95.2%	91.0%
SAU801605	BCE107667	44%	98.8%	89.0%
SAU801605	BFU103189	46%	99.6%	94.6%
SAU801605	BMA104515	44%	99.6%	93.1%
SAU801605	CJU101450	55%	99.6%	97.6%
SAU801605	CDF102700	49%	98.4%	90.8%
SAU801605	EBC100474	43%	55.6%	98.5%
SAU801605	ECO100696	45%	98%	98.4%
SAU801605	HIN101694	45%	98.4%	93.8%
SAU801605	KPN300310	33%	46%	69.0%
SAU801605	KPN300091	36%	28.4%	93.4%
SAU801605	KPN302568	42%	99.6%	98.8%
SAU801605	MAV102722	40%	98.8%	98.0%
SAU801605	MLP100225	40%	98.8%	98.0%
SAU801605	NME200029	44%	99.2%	99.2%
SAU801605	PRT102094	47%	98.4%	97.2%
SAU801605	PAE202110	42%	94.4%	96.8%
SAU801605	PPU106297	38%	98.4%	95.7%
SAU801605	PSY104029	44%	98.4%	96.1%
SAU801605	SPA102223	40%	96%	98.7%
SAU801605	STY101893	45%	94.8%	95.1%
SAU801605	STM101632	44%	98.8%	99.2%
SAU801605	SAU801605	100%	100%	100%
SAU801605	SEP201114	74%	100%	100%
SAU801605	SHA100233	78%	100%	100%
SAU801605	VCH103496	39%	95.2%	97.2%
SAU801605	YPS001546	46%	98.8%	98.8%
SAU801606	KPN105172	57%	27.8%	97.7%
SAU801606	SAU801606	100%	100%	100%
SAU801606	SEP201117	80%	99.8%	99.8%
SAU801606	SHA100232	84%	93.4%	100%
SAU801615	BAN102459	37%	86.3%	94.6%
SAU801615	BAN105001	37%	86.3%	91.6%
SAU801615	CBO101692	29%	81.4%	89.3%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801615	CDF103625	29%	97.1%	82.3%
SAU801615	EFA200710	48%	100%	82.4%
SAU801615	EFM202242	46%	100%	97.0%
SAU801615	LMO102296	40%	94.1%	89%
SAU801615	SAU801615	100%	100%	100%
SAU801615	SEP201157	89%	100%	100%
SAU801615	SHA101193	89%	100%	100%
SAU801615	SMU101202	41%	97.1%	97.0%
SAU801615	SPN400177	42%	98.0%	97.0%
SAU801615	SPY201612	40%	97.1%	97.0%
SAU801616	ABA100403	30%	74.8%	62.3%
SAU801616	BAN104572	59%	98.4%	87.6%
SAU801616	BAN108104	61%	98.4%	87.6%
SAU801616	BFR12028	31%	98.4%	97.5%
SAU801616	BCE103090	27%	86.2%	70.5%
SAU801616	CPN200515	38%	83.7%	67.5%
SAU801616	CTR200449	39%	75.6%	63.5%
SAU801616	CAC101999	49%	99.2%	88.1%
SAU801616	CBO100417	50%	99.2%	86.9%
SAU801616	CDF100891	55%	97.6%	83.0%
SAU801616	CDP100379	27%	98.4%	75.4%
SAU801616	EBC103406	26%	91.9%	79.7%
SAU801616	EFA200711	54%	98.4%	86.4%
SAU801616	EFM201893	55%	97.6%	83.9%
SAU801616	ECO102884	26%	91.9%	79.7%
SAU801616	HIN100291	26%	71.5%	62.6%
SAU801616	KPN302112	26%	91.9%	79.1%
SAU801616	LPN100282	29%	71.5%	62.6%
SAU801616	LMO101308	56%	98.4%	87.0%
SAU801616	MCA100969	26%	89.4%	70.3%
SAU801616	MAV104478	31%	91.1%	45.6%
SAU801616	MBV100969	37%	65.0%	47.1%
SAU801616	MLP100310	31%	96.7%	63.6%
SAU801616	MTU202517	37%	65.0%	47.1%
SAU801616	NGO100112	35%	64.2%	51.7%
SAU801616	NME201410	34%	64.2%	51.7%
SAU801616	PRT104009	31%	75.6%	66.2%
SAU801616	PAE200403	25%	91.1%	77.1%
SAU801616	PPU109370	23%	92.7%	80.9%
SAU801616	PSY105925	24%	91.9%	80.1%
SAU801616	SPA102544	27%	72.4%	63.8%
SAU801616	STY104576	27%	72.4%	63.8%
SAU801616	STM100595	27%	72.4%	63.8%
SAU801616	SAU801616	100%	100%	100%
SAU801616	SEP201160	86%	99.2%	85.9%
SAU801616	SHA101192	83%	99.2%	85.9%
SAU801616	SMU101205	52%	99.2%	87.8%
SAU801616	SPN400176	52%	97.6%	86.3%
SAU801616	SPY201613	48%	97.6%	86.3%
SAU801616	UUR100372	34%	100%	87.8%
SAU801616	VCH100461	22%	77.2%	67.9%
SAU801616	YPS000228	29%	75.6%	65.7%
SAU801617	BAN109872	57%	100%	98.9%
SAU801617	BAN111284	57%	100%	98.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801617	CAC103316	46%	89.5%	89.5%
SAU801617	CBO101837	48%	89.5%	92.8%
SAU801617	CDF100893	43%	96.5%	97.6%
SAU801617	EFA200713	58%	89.5%	86.5%
SAU801617	EFM200709	55%	89.5%	87.5%
SAU801617	LMO101635	54%	95.3%	92.2%
SAU801617	SAU801617	100%	100%	100%
SAU801617	SEP201163	87%	96.5%	96.5%
SAU801617	SHA101191	83%	100%	100%
SAU801617	SMU101208	56%	90.7%	87.6%
SAU801617	SPN400175	53%	93.0%	90.9%
SAU801617	SPY201614	56%	90.7%	87.6%
SAU801618	ABA102548	51%	8.7%	92.7%
SAU801618	ABA101894	43%	99.4%	99.2%
SAU801618	BAN112993	42%	12.2%	96.4%
SAU801618	BAN112360	57%	73.3%	100%
SAU801618	BAN110893	59%	100%	99.8%
SAU801618	BFR11415	40%	98.5%	98.9%
SAU801618	BPT101143	44%	99.3%	99.5%
SAU801618	BBU100219	38%	79.1%	98.8%
SAU801618	BCE107013	46%	47.8%	94.4%
SAU801618	BFU114595	42%	99.5%	99.8%
SAU801618	BMA107024	43%	99.4%	99.7%
SAU801618	CJU100469	42%	98.1%	98.6%
SAU801618	CPN200957	36%	96.9%	97.0%
SAU801618	CTR200124	36%	99.1%	99.2%
SAU801618	CAC100475	43%	100%	99.8%
SAU801618	CBO102316	44%	100%	99.8%
SAU801618	CDF100894	45%	99.8%	99.5%
SAU801618	CDP100382	38%	99.0%	99.4%
SAU801618	EBC101519	44%	98.4%	100%
SAU801618	EFA202378	55%	99.9%	99.9%
SAU801618	EFM102001	56%	14.2%	100%
SAU801618	ECO102637	45%	99.0%	98.9%
SAU801618	HIN100794	44%	99.3%	99.5%
SAU801618	HPY101224	39%	98.6%	98.9%
SAU801618	KPN301584	45%	99.0%	99.0%
SAU801618	LPN103164	42%	99.7%	100%
SAU801618	LMO101358	56%	99.8%	99.5%
SAU801618	MCA100516	45%	99.7%	99.4%
SAU801618	MAV102135	38%	97.7%	99.2%
SAU801618	MBV100967	38%	99.3%	99.2%
SAU801618	MLP100309	38%	99.3%	99.6%
SAU801618	MTU202518	38%	99.3%	99.2%
SAU801618	MGE100298	36%	89.6%	87.3%
SAU801618	MPN100422	34%	94.4%	92.6%
SAU801618	NGO101407	42%	99.3%	99.4%
SAU801618	NME201646	43%	99.3%	99.4%
SAU801618	PMU101287	44%	99.1%	99.2%
SAU801618	PRT101312	42%	99.2%	99.2%
SAU801618	PAE200902	45%	99.4%	99.7%
SAU801618	PPU106922	45%	98.6%	98.9%
SAU801618	PSY103114	44%	94.3%	99.2%
SAU801618	SPA101276	44%	99.0%	99.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801618	STY102766	44%	99.0%	98.9%
SAU801618	SAU801618	100%	100%	100%
SAU801618	SEP201165	83%	100%	100%
SAU801618	SHA101190	83%	100%	99.7%
SAU801618	SMU100824	49%	99.4%	99.8%
SAU801618	SPN401239	50%	99.2%	99.5%
SAU801618	SPY201063	50%	99.7%	100%
SAU801618	TPA101007	38%	79.9%	98.7%
SAU801618	UUR100371	36%	99.9%	99.9%
SAU801618	VCH100535	43%	99.3%	99.3%
SAU801618	YPS003498	45%	99.0%	99.0%
SAU801619	ABA105938	24%	55.9%	85.9%
SAU801619	BAN100190	32%	87.2%	91.9%
SAU801619	BAN101468	48%	89.1%	94.5%
SAU801619	BFR100242	22%	46.4%	93.4%
SAU801619	BBU100631	27%	53.6%	72.1%
SAU801619	BCE106437	25%	30.2%	26.6%
SAU801619	BFU102756	29%	46.9%	70.7%
SAU801619	BMA100166	32%	18.3%	51.2%
SAU801619	CPN200638	31%	89.1%	98.1%
SAU801619	CTR200297	33%	79.3%	85.6%
SAU801619	CAC103106	35%	90.2%	99.6%
SAU801619	CBO101836	35%	86.8%	95.4%
SAU801619	CDF101471	34%	87.5%	96.3%
SAU801619	EBC102604	23%	55.2%	82.2%
SAU801619	EFA200908	41%	98.7%	98.7%
SAU801619	EFM101108	42%	98.2%	98.3%
SAU801619	ECO102756	22%	55.8%	82.7%
SAU801619	HIN101288	24%	47.2%	69.8%
SAU801619	HPY200724	26%	13.1%	20.9%
SAU801619	KPN305146	23%	52.1%	77.7%
SAU801619	LPN102124	22%	47.4%	45.5%
SAU801619	LPN101988	22%	47.4%	45.5%
SAU801619	LMO102542	46%	98.4%	97.5%
SAU801619	MCA101482	25%	53.3%	68.8%
SAU801619	MAV103656	27%	46.4%	69.5%
SAU801619	MBV100278	26%	45.9%	68.5%
SAU801619	MTU200626	26%	45.9%	68.5%
SAU801619	NGO100235	26%	49.7%	76.7%
SAU801619	NME201279	26%	49.5%	77.8%
SAU801619	PMU100517	23%	52.5%	75.8%
SAU801619	PRT102296	23%	61.2%	84.5%
SAU801619	PAE204281	36%	45.1%	63.5%
SAU801619	PPU101090	33%	46.2%	66.9%
SAU801619	PSY102739	33%	45.1%	65.9%
SAU801619	SPA100178	22%	25.8%	97.4%
SAU801619	STY103973	22%	55.2%	81.5%
SAU801619	SAU801619	100%	100%	100%
SAU801619	SEP201166	80%	100%	100%
SAU801619	SHA101579	76%	45.0%	98.7%
SAU801619	SMU101281	39%	97.3%	98.1%
SAU801619	SPN400363	40%	91.6%	95.4%
SAU801619	SPY201419	39%	97.3%	97.9%
SAU801619	VCH102285	25%	47.6%	65.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801619	YPS001085	34%	45.7%	68.9%
SAU801621	ABA105138	55%	94.6%	96.3%
SAU801621	BAN108754	63%	98.7%	100%
SAU801621	BAN107731	73%	98.1%	97.6%
SAU801621	BFR101806	39%	93.3%	98.0%
SAU801621	BPT102222	50%	94.6%	97.3%
SAU801621	BBU100681	37%	94.9%	98.6%
SAU801621	BCE109535	54%	94.9%	93.1%
SAU801621	BFU101559	55%	94.9%	93.4%
SAU801621	BMA105040	56%	94.9%	93.2%
SAU801621	CJU100046	33%	95.2%	100%
SAU801621	CPN200310	48%	94.6%	96.7%
SAU801621	CTR200552	52%	94.4%	92.8%
SAU801621	CAC103620	43%	94.6%	98.9%
SAU801621	CBO100620	42%	95.2%	98.3%
SAU801621	CBO101941	44%	94.9%	98.1%
SAU801621	CDF100895	42%	94.9%	97.8%
SAU801621	CDP100137	34%	94.9%	98.4%
SAU801621	EBC102862	54%	96.0%	97.0%
SAU801621	EFA201802	69%	99.2%	99.2%
SAU801621	EFM201233	72%	99.2%	99.2%
SAU801621	ECO101106	55%	96.5%	94.3%
SAU801621	HIN100165	54%	95.7%	85.6%
SAU801621	HPY101317	35%	94.9%	94.7%
SAU801621	KPN301143	55%	96.5%	93.0%
SAU801621	LPN102566	54%	96.0%	99.2%
SAU801621	LMO100858	77%	99.5%	98.9%
SAU801621	MCA100336	55%	95.7%	93.9%
SAU801621	MAV103827	35%	94.9%	98.6%
SAU801621	MBV105909	35%	94.9%	96.2%
SAU801621	MLP101048	35%	94.9%	98.6%
SAU801621	MTU202984	35%	94.9%	96.2%
SAU801621	MGE100301	37%	94.4%	98.1%
SAU801621	MPN100419	37%	96.2%	98.6%
SAU801621	NGO101275	51%	95.7%	91.9%
SAU801621	NME201603	52%	95.7%	91.9%
SAU801621	PMU101336	56%	97.0%	94.8%
SAU801621	PRT100592	56%	96.0%	97.8%
SAU801621	PAE202624	58%	94.9%	94.1%
SAU801621	PPU110350	57%	94.9%	94.4%
SAU801621	PSY104084	56%	96.2%	95.5%
SAU801621	SPA104236	55%	96.5%	98.1%
SAU801621	STY102569	55%	96.5%	98.1%
SAU801621	SAU801621	100%	100%	100%
SAU801621	SEP201168	89%	100%	100%
SAU801621	SHA100752	89%	100%	100%
SAU801621	SMU101360	71%	97.6%	97.6%
SAU801621	SPN400122	72%	98.4%	93.6%
SAU801621	SPY201672	71%	97.3%	97.3%
SAU801621	UUR100405	47%	98.4%	97.4%
SAU801621	VCH101109	54%	96.5%	97.6%
SAU801621	YPS003264	54%	96.0%	96.8%
SAU801624	SAU801624	100%	100%	100%
SAU801624	SEP203376	72%	95.8%	100%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801625	BAN103970	45%	85%	77.3%
SAU801625	BAN109777	54%	53.3%	82.9%
SAU801625	BCE109299	38%	95%	47.2%
SAU801625	BFU108906	39%	88.3%	74.6%
SAU801625	CDP102360	38%	71.7%	94.2%
SAU801625	EBC104212	34%	86.7%	75.4%
SAU801625	EFA204368	39%	96.7%	61.0%
SAU801625	EFM202444	30%	83.3%	74.6%
SAU801625	ECO103939	47%	56.7%	49.3%
SAU801625	KPN304718	44%	56.7%	49.3%
SAU801625	LMO100321	32%	88.3%	90.2%
SAU801625	MAV107307	35%	83.3%	73.1%
SAU801625	MAV106390	37%	68.3%	54.4%
SAU801625	MAV109056	36%	78.3%	63.6%
SAU801625	PAE204734	28%	91.7%	90.8%
SAU801625	PPU109566	45%	66.7%	81.6%
SAU801625	PSY104361	34%	78.3%	74.6%
SAU801625	SPA103512	44%	56.7%	48.6%
SAU801625	STY101943	44%	56.7%	48.6%
SAU801625	STM102797	44%	56.7%	48.6%
SAU801625	SAU800840	79%	98.3%	92.2%
SAU801625	SAU801625	100%	100%	100%
SAU801625	SEP203695	71%	93.3%	88.9%
SAU801625	SPN401624	40%	98.3%	88.1%
SAU801625	SPN401384	44%	98.3%	92.2%
SAU801625	SPY201542	38%	95%	86.4%
SAU801625	SPY200970	46%	85%	81.8%
SAU801626	ABA104591	43%	57.1%	51.0%
SAU801626	BAN106612	60%	100%	100%
SAU801626	BAN110626	64%	100%	100%
SAU801626	BPT100530	33%	89.3%	80%
SAU801626	BCE101233	31%	89.3%	75.4%
SAU801626	BFU111916	34%	89.3%	76.7%
SAU801626	BMA105369	31%	89.3%	75.4%
SAU801626	CJU100815	24%	86.4%	93.4%
SAU801626	CAC101137	39%	89.3%	94.2%
SAU801626	CBO101126	40%	89.3%	89.2%
SAU801626	CDF100898	44%	86.4%	86.5%
SAU801626	EBC103621	31%	64.3%	63.1%
SAU801626	ECO102482	33%	95.7%	84.6%
SAU801626	HIN100358	48%	57.1%	53.3%
SAU801626	KPN306316	32%	95.7%	84.0%
SAU801626	LPN100480	30%	95.7%	91.5%
SAU801626	LMO102363	64%	100%	100%
SAU801626	MCA100831	33%	95.7%	84.5%
SAU801626	MAV100728	30%	87.1%	81.1%
SAU801626	MBV105554	30%	88.6%	81.4%
SAU801626	MTU201270	30%	88.6%	81.4%
SAU801626	NGO101056	35%	89.3%	88.5%
SAU801626	NME201452	35%	89.3%	88.5%
SAU801626	PMU100317	35%	89.3%	85.1%
SAU801626	PRT105219	30%	95.7%	84.1%
SAU801626	PAE203812	45%	57.1%	49.1%
SAU801626	PPU104025	31%	93.6%	75.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801626	PSY108566	42%	57.1%	49.1%
SAU801626	SPA100194	33%	95.7%	84.0%
SAU801626	STY105174	33%	95.7%	83.5%
SAU801626	STM103542	31%	83.6%	85.8%
SAU801626	SAU801626	100%	100%	100%
SAU801626	SEP201571	91%	100%	100%
SAU801626	SHA102530	88%	90%	100%
SAU801626	VCH100734	34%	85.7%	67.0%
SAU801626	YPS003291	32%	95.7%	85.4%
SAU801630	ABA101157	52%	99.3%	98.5%
SAU801630	BAN109213	47%	99.7%	100%
SAU801630	BAN103380	66%	99.7%	99.0%
SAU801630	BFR10266	52%	77.7%	98.7%
SAU801630	BPT101790	51%	99.5%	99.2%
SAU801630	BBU100445	48%	85.2%	98.8%
SAU801630	BCE104313	40%	16.3%	76.6%
SAU801630	BCE111669	52%	99.8%	98.8%
SAU801630	BFU111015	53%	99.8%	99.0%
SAU801630	BMA100432	52%	99.8%	98.8%
SAU801630	CJU100601	51%	97.3%	97.1%
SAU801630	CPN200083	46%	99.7%	99.7%
SAU801630	CTR200818	44%	99.7%	100%
SAU801630	CAC102618	55%	99.3%	97.6%
SAU801630	CBO100008	54%	99.1%	97.6%
SAU801630	CDF100502	52%	99.3%	97.8%
SAU801630	CDP100396	46%	98.3%	97.0%
SAU801630	EBC102309	54%	99.1%	98.6%
SAU801630	EFA202213	63%	99.7%	99.2%
SAU801630	EFM202626	62%	99.7%	99.2%
SAU801630	ECO101834	54%	99.1%	98.6%
SAU801630	HIN100302	51%	99.1%	99.0%
SAU801630	HPY100610	50%	99.3%	99.7%
SAU801630	KPN301306	59%	52.6%	96.8%
SAU801630	LPN101576	53%	99.1%	98.7%
SAU801630	LMO101015	64%	99.3%	98.6%
SAU801630	MCA100604	50%	99.3%	98.8%
SAU801630	MAV103031	45%	87.6%	99.6%
SAU801630	MBV101554	45%	98.3%	94.8%
SAU801630	MLP100306	44%	98.3%	97.8%
SAU801630	MTU202535	45%	98.3%	97.1%
SAU801630	MGE100036	35%	97.3%	96.9%
SAU801630	MPN100108	36%	98.1%	96.6%
SAU801630	NGO101633	52%	99.1%	99.3%
SAU801630	NME201865	52%	99.3%	98.3%
SAU801630	PMU100983	51%	99.1%	99.0%
SAU801630	PRT100115	53%	99.1%	100%
SAU801630	PAE200962	53%	99.3%	98.6%
SAU801630	PPU112195	52%	99.3%	98.6%
SAU801630	PSY106866	53%	90.1%	97.6%
SAU801630	SPA102449	52%	65.1%	98.0%
SAU801630	STY102265	54%	99.1%	98.6%
SAU801630	SAU801630	100%	100%	100%
SAU801630	SEP201575	88%	100%	100%
SAU801630	SHA100663	89%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801630	SMU101272	57%	99.3%	98.0%
SAU801630	SPN401921	57%	99.3%	98.3%
SAU801630	SPY201648	56%	99.3%	99.1%
SAU801630	TPA100975	44%	99.3%	96.8%
SAU801630	UUR100288	42%	99.0%	99.3%
SAU801630	VCH101147	52%	99.3%	98.6%
SAU801630	YPS003419	52%	99.1%	97.3%
SAU801631	ABA101469	49%	15%	78.8%
SAU801631	ABA100694	40%	98.1%	96.7%
SAU801631	BAN108710	37%	96.4%	97.9%
SAU801631	BAN104310	58%	99.0%	89.8%
SAU801631	BFR11762	23%	98.1%	97.6%
SAU801631	BPT100013	40%	94.3%	90.1%
SAU801631	BBU100134	23%	99.5%	97.2%
SAU801631	BCE114784	40%	98.1%	93.7%
SAU801631	BFU113972	40%	93.8%	88.1%
SAU801631	BMA106479	40%	98.1%	93.7%
SAU801631	CJU100704	36%	98.6%	99.0%
SAU801631	CPN200082	38%	98.8%	98.1%
SAU801631	CTR200819	39%	96.0%	94.6%
SAU801631	CAC100205	26%	97.1%	97.4%
SAU801631	CBO102641	47%	99.5%	99.5%
SAU801631	CDF100504	50%	100%	99.3%
SAU801631	CDP100409	44%	98.6%	96.5%
SAU801631	EBC102800	38%	99.5%	98.1%
SAU801631	EFA202211	49%	98.6%	95.6%
SAU801631	EFM201250	47%	98.6%	96.3%
SAU801631	ECO102465	38%	99.5%	98.1%
SAU801631	HIN100348	40%	99.5%	98.3%
SAU801631	HPY101173	27%	95.7%	94.1%
SAU801631	KPN309062	39%	99.5%	98.1%
SAU801631	LPN101194	38%	97.6%	95.5%
SAU801631	LMO101789	54%	98.8%	97.4%
SAU801631	MCA101520	42%	96.9%	97.2%
SAU801631	MAV103034	44%	97.9%	96.4%
SAU801631	MBV101555	44%	97.9%	95.7%
SAU801631	MLP100305	41%	97.9%	94.8%
SAU801631	MTU202543	44%	97.9%	95.7%
SAU801631	MGE100035	32%	95%	94.4%
SAU801631	MPN100109	34%	98.1%	97.6%
SAU801631	NGO101009	43%	95.2%	93.5%
SAU801631	NME200980	43%	95.2%	93.5%
SAU801631	PMU102011	41%	99.5%	98.3%
SAU801631	PRT104870	38%	98.8%	97.4%
SAU801631	PAE203799	43%	98.1%	96.3%
SAU801631	PPU103989	43%	98.6%	96.7%
SAU801631	PSY103800	42%	98.1%	96.3%
SAU801631	SPA101921	43%	70.7%	98.0%
SAU801631	STY101721	38%	99.5%	98.1%
SAU801631	SAU801631	100%	100%	100%
SAU801631	SEP201577	84%	99.8%	98.8%
SAU801631	SHA100662	85%	100%	99.3%
SAU801631	SMU101274	45%	97.6%	95.1%
SAU801631	SPN401928	48%	99.0%	96.5%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801631	SPY201649	46%	98.6%	96.7%
SAU801631	TPA100633	24%	76.2%	75.1%
SAU801631	UUR100287	37%	97.6%	97.6%
SAU801631	VCH100747	40%	97.1%	96.0%
SAU801631	YPS003230	40%	97.1%	95.8%
SAU801632	BAN100228	29%	55.3%	47.5%
SAU801632	BAN110524	28%	62.2%	49.5%
SAU801632	BAN102171	29%	62.5%	49.0%
SAU801632	BAN111103	29%	61.9%	38.1%
SAU801632	BAN102482	29%	61.9%	37.8%
SAU801632	BAN101459	33%	60.1%	75.2%
SAU801632	BFR103557	24%	55.0%	51.9%
SAU801632	BPT102223	27%	58.8%	48.2%
SAU801632	BBU100665	27%	54.6%	61.7%
SAU801632	BCE110660	27%	57.0%	47.8%
SAU801632	BFU102333	27%	60.8%	45.0%
SAU801632	BMA100078	28%	58.8%	43.2%
SAU801632	CJU101194	26%	72.2%	38.4%
SAU801632	CPN200332	32%	59.5%	70.5%
SAU801632	CTR200532	34%	58.8%	67.9%
SAU801632	CAC100830	33%	58.8%	83.1%
SAU801632	CBO103642	28%	58.8%	100%
SAU801632	CBO102707	34%	57.0%	18.3%
SAU801632	CDF100779	34%	61.9%	79.7%
SAU801632	CDP101644	26%	58.4%	45.5%
SAU801632	EBC100856	28%	58.1%	74.5%
SAU801632	EFM202599	36%	64.9%	66.0%
SAU801632	ECO102754	30%	58.1%	49.0%
SAU801632	HIN100065	29%	58.4%	52.1%
SAU801632	HPY100759	26%	58.8%	50.2%
SAU801632	KPN305150	28%	58.1%	52.5%
SAU801632	LPN100769	29%	60.5%	48.2%
SAU801632	LMO100827	38%	32.6%	13.6%
SAU801632	MAV106636	24%	58.4%	45.1%
SAU801632	MBV103480	24%	58.4%	45.1%
SAU801632	MLP101597	24%	58.4%	45.1%
SAU801632	MTU203860	24%	58.4%	45.1%
SAU801632	NGO101686	29%	62.9%	56.7%
SAU801632	NME201874	27%	62.9%	57.5%
SAU801632	PMU100903	27%	57.7%	54.5%
SAU801632	PRT102294	26%	58.1%	52.8%
SAU801632	PAE204942	27%	59.8%	48.8%
SAU801632	PPU106701	29%	57.7%	46.6%
SAU801632	PSY101064	30%	57.7%	54.3%
SAU801632	SPA104044	28%	61.2%	52.9%
SAU801632	STY103967	29%	58.1%	52.5%
SAU801632	STM101271	27%	61.2%	78.9%
SAU801632	SAU801632	100%	100%	100%
SAU801632	SEP201579	71%	100%	100%
SAU801632	SHA100124	68%	84.9%	100%
SAU801632	TPA100244	25%	56.4%	59.7%
SAU801632	VCH100339	25%	62.5%	41.3%
SAU801632	YPS001087	28%	58.1%	52.6%
SAU801636	ABA101961	31%	73.1%	98.6%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801636	BAN104770	29%	99.6%	98.9%
SAU801636	BAN102480	40%	99.6%	98.6%
SAU801636	BFR100673	32%	65.5%	99.2%
SAU801636	BPT101805	31%	70.0%	93.6%
SAU801636	BBU100253	32%	73.3%	99.2%
SAU801636	BFU108641	31%	72.5%	99.1%
SAU801636	BMA106924	31%	70.3%	96.3%
SAU801636	CJU100028	34%	69.6%	98.3%
SAU801636	CPN200184	27%	71.6%	94.7%
SAU801636	CTR200722	28%	72.7%	97.1%
SAU801636	CAC102562	33%	69.9%	95.9%
SAU801636	CBO101432	35%	73.2%	98.8%
SAU801636	CDF100497	38%	73.1%	68.6%
SAU801636	EBC102952	38%	47.8%	84.8%
SAU801636	EFA201172	38%	99.3%	99.2%
SAU801636	EFM100083	43%	38.3%	99.7%
SAU801636	ECO102828	32%	70.3%	96.0%
SAU801636	HIN101186	34%	65.7%	90.8%
SAU801636	HPY100344	30%	65.3%	94.0%
SAU801636	KPN303321	32%	70.5%	96.4%
SAU801636	LPN103347	31%	71.9%	98.1%
SAU801636	LMO102252	37%	99.9%	98.1%
SAU801636	MCA101569	29%	72.8%	96.3%
SAU801636	NGO100971	32%	65.1%	89.4%
SAU801636	NME200968	33%	65.1%	89.4%
SAU801636	PMU100192	31%	65.7%	90.8%
SAU801636	PRT103507	30%	70.1%	95.8%
SAU801636	PAE203722	32%	65.8%	91.2%
SAU801636	PPU107844	32%	65.3%	90.5%
SAU801636	PSY104923	32%	65.8%	91.2%
SAU801636	SPA102978	30%	70.1%	95.8%
SAU801636	STY104138	32%	70.1%	95.8%
SAU801636	SAU801636	100%	100%	100%
SAU801636	SEP201590	66%	100%	100%
SAU801636	SHA101075	68%	99.7%	99.7%
SAU801636	SMU100405	39%	98.3%	97.5%
SAU801636	SPN400537	38%	99.3%	98.9%
SAU801636	SPY200696	37%	96.2%	95.9%
SAU801636	TPA100696	27%	0.5%	20.1%
SAU801636	VCH102382	30%	70.1%	95.5%
SAU801636	YPS000162	29%	71.3%	97.4%
SAU801643	CAC103297	30%	94.1%	91.6%
SAU801643	CBO102699	28%	93.4%	94%
SAU801643	SAU801643	100%	100%	100%
SAU801643	SEP201603	74%	99.3%	100%
SAU801643	SHA100641	82%	99.3%	100%
SAU801644	ABA102020	45%	79.3%	84.2%
SAU801644	BAN108425	53%	99.8%	100%
SAU801644	BAN110337	64%	100%	100%
SAU801644	BFR10585	42%	80.5%	94.5%
SAU801644	BPT102468	45%	79.1%	91.8%
SAU801644	BBU100780	39%	74.4%	96.0%
SAU801644	BCE109750	47%	79.3%	93.2%
SAU801644	BFU106483	44%	85.3%	98.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801644	BMA107520	47%	77.2%	90.3%
SAU801644	CJU100085	41%	77.4%	98%
SAU801644	CPN200205	42%	76.3%	97.1%
SAU801644	CTR200689	45%	76.7%	100%
SAU801644	CAC103735	49%	100%	100%
SAU801644	CBO102816	48%	99.8%	99.8%
SAU801644	CDF101736	51%	99.5%	98.8%
SAU801644	CDP101218	43%	99.3%	86.0%
SAU801644	EBC102677	45%	75.1%	83.4%
SAU801644	EFA201920	61%	100%	99.5%
SAU801644	EFM201911	60%	88.8%	97.5%
SAU801644	ECO103113	47%	69.8%	77.7%
SAU801644	HIN100857	45%	75.6%	84.1%
SAU801644	HPY100299	48%	68.1%	80.6%
SAU801644	KPN300686	43%	79.3%	87.2%
SAU801644	LPN101316	48%	64.9%	99.3%
SAU801644	LMO102191	65%	100%	100%
SAU801644	MCA101313	46%	77.2%	82.9%
SAU801644	MAV104121	43%	97.7%	86.6%
SAU801644	MBV104432	43%	99.3%	88.6%
SAU801644	MLP100902	42%	99.3%	90.2%
SAU801644	MTU202404	43%	99.3%	89.6%
SAU801644	MGE100395	37%	98.4%	98.2%
SAU801644	MPN100279	38%	98.4%	98.2%
SAU801644	NGO100959	44%	83.0%	97.7%
SAU801644	NME200322	43%	83.0%	97.7%
SAU801644	PMU100351	44%	79.3%	88.7%
SAU801644	PRT100791	44%	79.8%	89.7%
SAU801644	PAE204564	47%	76.5%	82.0%
SAU801644	PPU110997	45%	79.1%	87.5%
SAU801644	PSY102705	46%	65.6%	78.9%
SAU801644	SPA100458	44%	75.1%	89.3%
SAU801644	STY101485	44%	75.1%	83.6%
SAU801644	SAU801644	100%	100%	100%
SAU801644	SEP201605	90%	100%	100%
SAU801644	SHA100640	88%	85.1%	100%
SAU801644	SMU100127	58%	100%	99.5%
SAU801644	SPN400984	59%	100%	99.5%
SAU801644	SPY201023	60%	100%	99.5%
SAU801644	TPA100734	40%	74.2%	84.0%
SAU801644	UUR100466	37%	99.8%	99.5%
SAU801644	VCH100432	39%	84.9%	96.2%
SAU801644	YPS002137	42%	86.3%	98.7%
SAU801645	ABA101804	61%	73.7%	85.9%
SAU801645	BAN111062	82%	94.9%	100%
SAU801645	BAN102544	84%	94.9%	97.9%
SAU801645	BFR10883	53%	80.8%	89.9%
SAU801645	BPT102470	59%	82.8%	96.5%
SAU801645	BBU100779	56%	80.8%	97.5%
SAU801645	BCE103036	55%	84.8%	96.6%
SAU801645	BFU106480	57%	78.8%	89.7%
SAU801645	BMA101618	55%	84.8%	96.6%
SAU801645	CJU100084	59%	81.8%	96.4%
SAU801645	CPN200204	58%	73.7%	86.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801645	CTR200690	61%	80.8%	94.0%
SAU801645	CAC103330	67%	92.9%	92%
SAU801645	CBO102962	75%	92.9%	92%
SAU801645	CDF101911	68%	93.9%	96.9%
SAU801645	CDP101220	63%	80.8%	89.8%
SAU801645	EBC100461	60%	82.8%	97.6%
SAU801645	EFA202214	81%	93.9%	94.9%
SAU801645	EFM200824	80%	94.9%	96.9%
SAU801645	ECO103115	60%	82.8%	97.6%
SAU801645	HIN100859	58%	80.8%	94.1%
SAU801645	HPY100293	60%	80.8%	90.9%
SAU801645	KPN300596	59%	82.8%	97.6%
SAU801645	LPN100139	51%	80.8%	88.0%
SAU801645	LMO100798	85%	90.9%	93.8%
SAU801645	MCA101440	55%	82.8%	97.6%
SAU801645	MAV104122	57%	85.9%	95.5%
SAU801645	MBV104431	63%	80.8%	91.9%
SAU801645	MLP100903	61%	83.8%	93.2%
SAU801645	MTU202405	63%	80.8%	91.9%
SAU801645	MGE100239	63%	87.9%	83.7%
SAU801645	MPN100509	67%	89.9%	87.5%
SAU801645	NGO101635	58%	80.8%	90%
SAU801645	NME202000	56%	80.8%	90%
SAU801645	PMU100348	60%	82.8%	97.6%
SAU801645	PRT100790	59%	82.8%	97.6%
SAU801645	PAE204565	62%	82.8%	97.6%
SAU801645	PPU109793	56%	82.8%	97.6%
SAU801645	PSY102707	51%	85.9%	94.5%
SAU801645	SPA100460	60%	82.8%	97.6%
SAU801645	STY101487	60%	82.8%	97.6%
SAU801645	SAU801645	100%	100%	100%
SAU801645	SEP201610	92%	100%	100%
SAU801645	SHA100024	92%	100%	100%
SAU801645	SMU100757	82%	90.9%	92.8%
SAU801645	SPN401014	79%	89.9%	100%
SAU801645	SPY200612	80%	90.9%	92.8%
SAU801645	TPA100735	60%	80.8%	93.1%
SAU801645	UUR100211	65%	85.9%	85%
SAU801645	VCH100431	60%	80.8%	94.2%
SAU801645	YPS002142	60%	82.8%	97.6%
SAU801646	BAN108189	37%	92.0%	93.9%
SAU801646	BAN100435	37%	92.0%	93.9%
SAU801646	CBO101665	32%	83.9%	88.0%
SAU801646	CDF103326	30%	92.0%	97.1%
SAU801646	EFA202216	36%	82.1%	85.1%
SAU801646	EFM200511	35%	84.8%	87.7%
SAU801646	ECO101034	30%	41.1%	56.8%
SAU801646	LMO102819	33%	94.6%	100%
SAU801646	MGE100238	40%	40.2%	39.4%
SAU801646	MPN100510	48%	22.3%	25%
SAU801646	SAU801646	100%	100%	100%
SAU801646	SEP201611	89%	94.6%	100%
SAU801646	SHA100023	86%	94.6%	100%
SAU801646	SMU100756	32%	82.1%	86.5%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801646	SPN401013	24%	83.0%	86.0%
SAU801646	SPY200611	28%	85.7%	90.7%
SAU801646	TPA100736	29%	92.0%	94.4%
SAU801646	UUR100212	29%	78.6%	80.4%
SAU801647	ABA105440	47%	99.0%	99.0%
SAU801647	BAN108298	72%	100%	100%
SAU801647	BAN107763	72%	100%	100%
SAU801647	BFR10884	46%	100%	86.8%
SAU801647	BPT104764	47%	100%	42.0%
SAU801647	BBU100777	37%	98.0%	98.1%
SAU801647	BCE111959	49%	100%	100%
SAU801647	BFU106477	50%	100%	83.1%
SAU801647	BMA107479	48%	100%	100%
SAU801647	CJU100083	36%	100%	100%
SAU801647	CPN200203	40%	97.1%	95.3%
SAU801647	CTR200691	41%	94.1%	92.5%
SAU801647	CAC100327	53%	100%	100%
SAU801647	CBO100385	54%	100%	78.2%
SAU801647	CDF101910	54%	100%	97.2%
SAU801647	CDP101222	38%	98.0%	99.0%
SAU801647	EBC100460	34%	31.4%	100%
SAU801647	EFA202217	62%	100%	96.2%
SAU801647	EFM200259	64%	100%	100%
SAU801647	ECO103116	41%	100%	100%
SAU801647	HIN100860	46%	100%	100%
SAU801647	HPY100292	40%	99.0%	98.1%
SAU801647	KPN300595	40%	87.3%	100%
SAU801647	LPN100481	43%	98.0%	98.1%
SAU801647	LMO101855	75%	100%	100%
SAU801647	MCA101422	43%	100%	100%
SAU801647	MAV102387	34%	97.1%	96.1%
SAU801647	MBV104430	34%	97.1%	95.2%
SAU801647	MLP100904	34%	97.1%	96.1%
SAU801647	MTU202406	34%	97.1%	95.2%
SAU801647	MGE100237	40%	95.1%	94%
SAU801647	MPN100511	42%	95.1%	94%
SAU801647	NGO101632	43%	95.1%	86.0%
SAU801647	NME201999	43%	95.1%	96.1%
SAU801647	PMU100347	46%	100%	100%
SAU801647	PRT100789	45%	98.0%	99.0%
SAU801647	PAE204566	49%	100%	100%
SAU801647	PPU108773	47%	99.0%	65.0%
SAU801647	PSY108282	49%	100%	64.8%
SAU801647	SPA100461	38%	69.6%	100%
SAU801647	STY101488	41%	100%	100%
SAU801647	SAU801647	100%	100%	100%
SAU801647	SEP201612	94%	100%	100%
SAU801647	SMU100215	60%	99.0%	97.1%
SAU801647	SPN401012	57%	99.0%	97.1%
SAU801647	SPY200610	60%	99.0%	97.1%
SAU801647	TPA100737	43%	98.0%	97.1%
SAU801647	UUR100213	51%	99.0%	98%
SAU801647	VCH100430	50%	100%	100%
SAU801647	YPS002148	42%	100%	100%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801648	ABA104912	24%	52.8%	37.8%
SAU801648	BAN104044	23%	83.0%	88.6%
SAU801648	BAN108789	21%	95.5%	92.8%
SAU801648	CBO103951	21%	75%	76.5%
SAU801648	EBC106824	27%	37.5%	62.9%
SAU801648	EFA202030	25%	85.8%	91.1%
SAU801648	EFM200541	20%	85.8%	89.9%
SAU801648	LPN102451	25%	46.0%	24.5%
SAU801648	LMO101092	21%	81.2%	79.7%
SAU801648	MGE100319	22%	73.3%	42.9%
SAU801648	SPA102371	24%	68.2%	90.2%
SAU801648	STY102480	22%	72.2%	80.9%
SAU801648	STM102604	22%	72.2%	80.9%
SAU801648	SAU801648	100%	100%	100%
SAU801648	SEP201613	68%	97.7%	99.4%
SAU801648	SHA102804	50%	94.3%	98.2%
SAU801648	SMU101227	20%	88.1%	91.2%
SAU801648	SPN402019	23%	79.5%	89.0%
SAU801648	UUR100272	25%	91.5%	74.4%
SAU801663	ABA101795	41%	99.3%	98.5%
SAU801663	BAN107436	52%	99.3%	98.8%
SAU801663	BAN109623	68%	99.3%	98.8%
SAU801663	BFR103128	42%	99.9%	99.8%
SAU801663	BPT100020	38%	99.2%	97.9%
SAU801663	BBU100737	43%	99.3%	99.0%
SAU801663	BCE114033	40%	99.3%	99.1%
SAU801663	BFU109684	40%	99.1%	98.2%
SAU801663	BMA104351	39%	99.3%	99.1%
SAU801663	CJU100714	40%	99.2%	99.8%
SAU801663	CPN200668	36%	97.4%	97.4%
SAU801663	CTR200568	36%	99.1%	99.0%
SAU801663	CAC100067	51%	99.8%	99.4%
SAU801663	CBO100672	51%	99.8%	99.4%
SAU801663	CDF100033	36%	26.0%	98.7%
SAU801663	CDF102611	51%	99.3%	98.6%
SAU801663	CDP101232	42%	99.8%	99.3%
SAU801663	EBC104048	40%	97.5%	97.8%
SAU801663	EFA200179	65%	99.4%	98.9%
SAU801663	EFM201966	66%	99.7%	99.0%
SAU801663	ECO104148	40%	98.2%	98.4%
SAU801663	HIN101359	40%	99.9%	99.4%
SAU801663	HPY101136	39%	99.9%	99.5%
SAU801663	KPN303513	40%	97.1%	99.6%
SAU801663	LPN102949	43%	93.9%	100%
SAU801663	LMO102840	66%	99.9%	99.0%
SAU801663	MCA101259	41%	99.5%	99.2%
SAU801663	MAV104126	44%	94.1%	100%
SAU801663	MBV101058	43%	99.7%	100%
SAU801663	MLP100909	44%	99.8%	99.0%
SAU801663	MTU202412	43%	99.7%	100%
SAU801663	MGE100341	36%	99.1%	98.3%
SAU801663	MPN100361	36%	99.2%	98.4%
SAU801663	NGO100851	40%	99.2%	99.8%
SAU801663	NME200089	40%	99.7%	99.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801663	PMU100818	40%	99.9%	99.4%
SAU801663	PRT105161	42%	97.0%	96.3%
SAU801663	PAE203831	41%	98.2%	98.4%
SAU801663	PPU109466	41%	97.7%	98.5%
SAU801663	PSY104286	42%	98.2%	98.4%
SAU801663	SPA100729	34%	67.4%	98.4%
SAU801663	STY104006	40%	98.2%	98.4%
SAU801663	SAU801663	100%	100%	100%
SAU801663	SEP201629	89%	100%	100%
SAU801663	SHA100785	89%	100%	100%
SAU801663	SMU100583	60%	99.8%	99.2%
SAU801663	SPN400492	59%	99.8%	99.2%
SAU801663	SPY201210	61%	99.8%	99.3%
SAU801663	TPA101025	40%	97.5%	96.0%
SAU801663	UUR100269	41%	99.8%	99.2%
SAU801663	VCH102467	41%	99.8%	99.5%
SAU801663	YPS000947	41%	97.0%	96.0%
SAU801668	ABA100700	43%	96.3%	88.7%
SAU801668	BAN101055	53%	100%	99.7%
SAU801668	BAN100517	63%	100%	97.9%
SAU801668	BPT100922	45%	98.8%	95.6%
SAU801668	BCE101370	45%	98.1%	96.7%
SAU801668	BFU101599	45%	98.1%	96.7%
SAU801668	BMA104829	46%	98.1%	96.7%
SAU801668	CJU100923	50%	98.8%	98.5%
SAU801668	CPN200001	43%	98.1%	95.8%
SAU801668	CTR200001	42%	98.1%	95.5%
SAU801668	CAC102676	55%	98.8%	99.4%
SAU801668	CBO101832	54%	98.8%	98.1%
SAU801668	CDF102168	56%	98.8%	98.5%
SAU801668	CDP100775	48%	98.1%	97.9%
SAU801668	EBC102698	54%	67.3%	96.0%
SAU801668	ECO100361	49%	96.9%	92.8%
SAU801668	HPY100160	51%	99.4%	99.4%
SAU801668	KPN308372	49%	96.9%	96.0%
SAU801668	LPN101016	48%	98.5%	96.1%
SAU801668	LMO100837	66%	99.7%	99.1%
SAU801668	MCA101135	45%	98.5%	96.4%
SAU801668	MAV107884	45%	98.1%	97.9%
SAU801668	MBV102362	46%	98.1%	97.6%
SAU801668	MLP101436	44%	98.1%	97.0%
SAU801668	MTU200510	46%	98.1%	97.0%
SAU801668	NGO100861	43%	98.8%	95.3%
SAU801668	NME200933	44%	98.8%	95.3%
SAU801668	PMU101692	45%	98.1%	94.4%
SAU801668	PRT102370	49%	96.9%	95.7%
SAU801668	PAE205238	45%	98.8%	95.5%
SAU801668	PPU110651	47%	97.5%	96.6%
SAU801668	PSY101277	45%	96.0%	93.2%
SAU801668	SPA101546	46%	84.9%	94.7%
SAU801668	STY104591	49%	96.9%	96.0%
SAU801668	SAU801668	100%	100%	100%
SAU801668	SEP201642	90%	100%	100%
SAU801668	SHA101765	86%	62.3%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801668	VCH100105	45%	98.1%	92.5%
SAU801668	YPS000599	46%	98.1%	94.4%
SAU801669	BAN100994	40%	34.7%	32.9%
SAU801669	BAN107924	32%	80.6%	76.4%
SAU801669	CJU101006	23%	78.4%	81.3%
SAU801669	CDP100774	25%	82.4%	36.2%
SAU801669	LPN101520	24%	57.7%	54.8%
SAU801669	LMO101547	27%	87.8%	33.3%
SAU801669	MAV108772	27%	80.6%	36.2%
SAU801669	MBV102363	27%	80.6%	36.3%
SAU801669	MLP101437	26%	83.3%	36.6%
SAU801669	MTU200509	27%	80.6%	35.4%
SAU801669	SAU801669	100%	100%	100%
SAU801669	SEP201643	64%	99.5%	97.8%
SAU801669	SHA100589	55%	99.1%	97.3%
SAU801670	ABA104490	46%	98.7%	98.4%
SAU801670	BAN106158	43%	99.4%	99.7%
SAU801670	BAN110595	57%	99.4%	99.0%
SAU801670	BPT102803	42%	98.7%	96.8%
SAU801670	BCE100543	43%	97.7%	91.0%
SAU801670	BFU106232	45%	97.7%	91.6%
SAU801670	BMA109200	42%	97.7%	92.4%
SAU801670	CJU100507	40%	97.7%	98.0%
SAU801670	CPN200711	32%	56.5%	73.5%
SAU801670	CTR200564	33%	56.2%	70.7%
SAU801670	CAC102785	36%	94.8%	99.0%
SAU801670	CBO103439	44%	80.8%	83.4%
SAU801670	CDF103801	42%	96.1%	99.0%
SAU801670	CDP100772	33%	96.8%	99.0%
SAU801670	EBC102514	45%	96.8%	93.1%
SAU801670	ECO103717	45%	96.8%	93.1%
SAU801670	HPY100233	38%	98.4%	98.7%
SAU801670	KPN308138	43%	96.8%	95.2%
SAU801670	LPN101369	41%	97.1%	93.5%
SAU801670	LMO101599	52%	98.4%	98.4%
SAU801670	MCA101397	45%	98.7%	97.2%
SAU801670	MAV106921	35%	96.1%	94.7%
SAU801670	MBV102364	35%	96.1%	96.5%
SAU801670	MLP101438	34%	96.1%	94.7%
SAU801670	MTU200508	35%	96.1%	97.4%
SAU801670	NGO101908	46%	97.4%	96.5%
SAU801670	NME200661	46%	97.4%	96.5%
SAU801670	PMU101812	44%	98.4%	96.8%
SAU801670	PRT102814	44%	96.1%	94.6%
SAU801670	PAE205255	45%	97.7%	96.2%
SAU801670	PPU105501	44%	98.4%	96.8%
SAU801670	PSY101227	46%	97.7%	96.2%
SAU801670	SPA101514	44%	96.8%	94.0%
SAU801670	STY102055	46%	96.8%	95.2%
SAU801670	SAU801670	100%	100%	100%
SAU801670	SEP201644	82%	99.4%	99.4%
SAU801670	SHA100588	84%	99.7%	99.0%
SAU801670	VCH100120	43%	98.4%	95.6%
SAU801670	YPS001422	42%	96.1%	94.6%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801671	ABA100570	23%	94.5%	95.5%
SAU801671	BAN106101	27%	73.4%	77.6%
SAU801671	BAN113250	30%	95.9%	93.9%
SAU801671	BPT100926	21%	90.0%	52.5%
SAU801671	BCE109235	18%	75.3%	51.8%
SAU801671	BFU105613	18%	75.3%	50.9%
SAU801671	BMA103662	17%	92.6%	65.4%
SAU801671	CDP100805	24%	48.7%	43.5%
SAU801671	EBC102475	21%	90.4%	83.0%
SAU801671	ECO102558	22%	90.4%	83.0%
SAU801671	HIN101070	23%	63.1%	21.6%
SAU801671	HPY100374	20%	76.4%	21.3%
SAU801671	KPN301265	21%	72.0%	66.6%
SAU801671	MCA103521	23%	82.3%	84.8%
SAU801671	MAV108685	22%	82.3%	70.5%
SAU801671	MBV103201	24%	84.1%	70.7%
SAU801671	MLP101430	23%	84.1%	70.6%
SAU801671	MTU200526	24%	84.1%	70.7%
SAU801671	NGO101770	23%	56.5%	59.3%
SAU801671	NME202025	23%	56.5%	59.3%
SAU801671	PRT100857	20%	72.7%	66.1%
SAU801671	PAE203744	24%	82.3%	82.7%
SAU801671	PPU103412	26%	94.1%	92.2%
SAU801671	PSY103780	26%	49.1%	70.4%
SAU801671	SPA101534	20%	90.4%	83.0%
SAU801671	STY102227	20%	90.4%	90.9%
SAU801671	STM102478	20%	90.4%	90.9%
SAU801671	SAU801671	100%	100%	100%
SAU801671	SEP201645	73%	99.3%	99.6%
SAU801671	SHA100587	72%	99.3%	99.6%
SAU801671	SPN203453	20%	66.8%	62.4%
SAU801671	UUR100525	23%	69.4%	29.5%
SAU801671	VCH100549	24%	69.7%	68.9%
SAU801671	YPS003452	19%	72.0%	64.0%
SAU801677	SAU801677	100%	100%	100%
SAU801677	SEP201661	81%	100%	99.5%
SAU801677	SHA102781	72%	30.2%	98.4%
SAU801678	ABA102501	57%	99.2%	98.3%
SAU801678	BAN104202	58%	97.5%	96.6%
SAU801678	BAN110178	77%	97.5%	97.5%
SAU801678	BFR104064	55%	98.3%	100%
SAU801678	BPT100292	56%	99.2%	98.3%
SAU801678	BBU100187	50%	96.6%	99.1%
SAU801678	BCE102715	58%	99.2%	98.3%
SAU801678	BFU102443	59%	99.2%	98.3%
SAU801678	BMA107401	58%	99.2%	98.3%
SAU801678	CJU100217	52%	99.2%	100%
SAU801678	CPN200847	46%	100%	97.5%
SAU801678	CTR200218	48%	100%	95.9%
SAU801678	CAC101951	57%	96.6%	95.8%
SAU801678	CDF102735	55%	99.2%	99.2%
SAU801678	CDP100976	48%	99.2%	92.1%
SAU801678	EBC102984	61%	99.2%	99.2%
SAU801678	EFA200358	71%	99.2%	98.3%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801678	EFM201307	69%	99.2%	98.3%
SAU801678	ECO101684	61%	99.2%	99.2%
SAU801678	HIN101286	62%	99.2%	100%
SAU801678	HPY100124	47%	97.5%	99.1%
SAU801678	KPN301692	60%	99.2%	99.2%
SAU801678	LPN101410	58%	99.2%	98.3%
SAU801678	LMO100743	70%	99.2%	98.3%
SAU801678	MAV106548	50%	99.2%	89.3%
SAU801678	MBV101274	50%	99.2%	90.7%
SAU801678	MLP100866	50%	99.2%	90.7%
SAU801678	MTU201622	50%	99.2%	90.7%
SAU801678	MGE100200	51%	94.9%	90.3%
SAU801678	MPN100037	56%	94.9%	88.2%
SAU801678	NGO101855	63%	99.2%	98.3%
SAU801678	NME200857	63%	99.2%	98.3%
SAU801678	PMU100604	61%	99.2%	100%
SAU801678	PRT101306	62%	99.2%	99.2%
SAU801678	PAE202739	58%	99.2%	99.2%
SAU801678	PPU111376	58%	99.2%	99.2%
SAU801678	PSY109131	57%	99.2%	99.2%
SAU801678	SPA100657	60%	97.5%	95.8%
SAU801678	STY101118	61%	99.2%	99.2%
SAU801678	STM103448	61%	99.2%	99.2%
SAU801678	SAU801678	100%	100%	100%
SAU801678	SEP201662	94%	100%	100%
SAU801678	SHA100082	93%	100%	100%
SAU801678	SMU100912	63%	99.2%	98.3%
SAU801678	SPN400863	63%	99.2%	98.3%
SAU801678	SPY200598	63%	99.2%	98.3%
SAU801678	TPA100839	50%	89.0%	86.1%
SAU801678	UUR100231	54%	93.2%	96.7%
SAU801678	VCH103020	63%	99.2%	100%
SAU801678	YPS003061	62%	99.2%	99.2%
SAU801679	ABA102503	48%	97.0%	85.1%
SAU801679	BAN113355	72%	93.9%	93.9%
SAU801679	BAN109536	72%	93.9%	93.9%
SAU801679	BFR104500	46%	95.5%	100%
SAU801679	BPT100293	45%	97.0%	98.5%
SAU801679	BBU100188	41%	93.9%	93.9%
SAU801679	BCE106262	42%	92.4%	98.4%
SAU801679	BFU102444	40%	92.4%	98.4%
SAU801679	BMA105698	45%	97.0%	98.5%
SAU801679	CJU100216	40%	93.9%	96.8%
SAU801679	CPN200848	45%	93.9%	96.9%
SAU801679	CTR200217	41%	93.9%	96.9%
SAU801679	CAC101588	56%	97.0%	98.5%
SAU801679	CBO102406	57%	97.0%	98.5%
SAU801679	CDF104095	60%	97.0%	100%
SAU801679	CDP100973	50%	90.9%	93.8%
SAU801679	EBC102982	53%	97.0%	98.5%
SAU801679	EFA203061	66%	100%	100%
SAU801679	EFM202134	65%	100%	100%
SAU801679	ECO101685	48%	97.0%	98.5%
SAU801679	HIN101285	50%	97.0%	71.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801679	HPY100123	43%	93.9%	95.3%
SAU801679	KPN301691	48%	97.0%	98.5%
SAU801679	LPN101798	48%	92.4%	100%
SAU801679	LMO101064	66%	100%	100%
SAU801679	MAV106547	45%	93.9%	96.9%
SAU801679	MBV101273	43%	93.9%	96.9%
SAU801679	MLP100865	45%	93.9%	96.9%
SAU801679	MTU201621	43%	93.9%	96.9%
SAU801679	MGE100199	57%	89.4%	100%
SAU801679	MPN100038	55%	89.4%	100%
SAU801679	NGO101853	45%	97.0%	98.5%
SAU801679	NME200856	45%	97.0%	98.5%
SAU801679	PMU100603	50%	97.0%	98.5%
SAU801679	PRT103408	51%	97.0%	98.5%
SAU801679	PAE202740	54%	93.9%	95.3%
SAU801679	PPU103712	54%	93.9%	88.4%
SAU801679	PSY107471	51%	93.9%	95.3%
SAU801679	SPA100656	48%	97.0%	98.5%
SAU801679	STY101126	48%	97.0%	98.5%
SAU801679	STM103447	48%	97.0%	98.5%
SAU801679	SAU801679	100%	100%	100%
SAU801679	SEP201663	95%	100%	100%
SAU801679	SHA100081	93%	100%	100%
SAU801679	SMU100910	59%	100%	100%
SAU801679	SPN400862	59%	100%	100%
SAU801679	SPY200597	64%	93.9%	95.4%
SAU801679	TPA100840	41%	93.9%	93.9%
SAU801679	UUR100230	50%	90.9%	93.8%
SAU801679	VCH103019	43%	97.0%	98.4%
SAU801679	YPS003064	53%	97.0%	98.5%
SAU801680	ABA102498	43%	65.1%	100%
SAU801680	BAN104142	63%	100%	100%
SAU801680	BAN107901	63%	100%	87.7%
SAU801680	BFR100214	46%	96.5%	83.3%
SAU801680	BPT101959	52%	88.4%	92.7%
SAU801680	BBU100189	44%	97.7%	90.3%
SAU801680	BCE106172	46%	90.7%	100%
SAU801680	BFU107897	47%	90.7%	100%
SAU801680	BMA109299	48%	90.7%	100%
SAU801680	CJU100195	42%	97.7%	98.3%
SAU801680	CPN200849	45%	96.5%	89.2%
SAU801680	CTR200216	46%	94.2%	87.1%
SAU801680	CAC103337	52%	93.6%	92%
SAU801680	CBO100172	50%	93.6%	87.5%
SAU801680	CDF100791	52%	79.1%	96.5%
SAU801680	CDP100970	48%	82.6%	95.9%
SAU801680	EBC102980	51%	80.2%	96.5%
SAU801680	EFA200363	72%	100%	98.8%
SAU801680	EFM200354	73%	48.8%	94.4%
SAU801680	ECO101686	53%	94.2%	90.6%
SAU801680	HIN101284	50%	76.2%	97.8%
SAU801680	HPY100122	38%	100%	84.7%
SAU801680	KPN301690	52%	80.2%	96.5%
SAU801680	LMO102427	69%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801680	MCA103235	47%	84.9%	100%
SAU801680	MAV106545	46%	78.5%	78.0%
SAU801680	MBV103903	45%	87.2%	81.5%
SAU801680	MLP100864	46%	87.2%	81.1%
SAU801680	MTU201620	45%	95.3%	81.6%
SAU801680	MGE100198	28%	92.4%	87.8%
SAU801680	MPN100039	35%	77.9%	66.7%
SAU801680	NGO101851	50%	88.4%	98.1%
SAU801680	NME200855	50%	95.3%	94.8%
SAU801680	PMU100602	50%	87.2%	98.1%
SAU801680	PRT100107	49%	62.8%	97.3%
SAU801680	PAE202741	48%	99.4%	93.4%
SAU801680	PPU111378	47%	99.4%	93.4%
SAU801680	PSY102598	49%	99.4%	96.6%
SAU801680	SPA100655	51%	94.2%	90.6%
SAU801680	STY101129	52%	94.2%	90.6%
SAU801680	STM103446	53%	80.2%	96.5%
SAU801680	SAU801680	100%	100%	100%
SAU801680	SEP201664	94%	100%	98.3%
SAU801680	SMU100907	59%	100%	86%
SAU801680	SPN400861	61%	100%	88.2%
SAU801680	SPY200596	59%	100%	97.7%
SAU801680	TPA100841	44%	96.5%	92.7%
SAU801680	UUR100229	40%	89.5%	86.5%
SAU801680	YPS003067	53%	94.2%	90.7%
SAU801681	SAU801681	100%	100%	100%
SAU801682	KPN101788	53%	87.9%	98.2%
SAU801682	SAU801682	100%	100%	100%
SAU801682	SEP201665	87%	93.3%	58.8%
SAU801683	ABA102500	42%	97.2%	97.0%
SAU801683	BAN108871	64%	94.6%	96.9%
SAU801683	BAN105353	70%	97.5%	98.0%
SAU801683	BFR103141	45%	79.8%	99.4%
SAU801683	BPT101956	42%	99.4%	98.6%
SAU801683	BBU100719	40%	89.5%	98.6%
SAU801683	BCE105528	43%	98.8%	99.4%
SAU801683	BFU105096	43%	98.8%	97.4%
SAU801683	BMA106934	43%	99.2%	99.8%
SAU801683	CJU100194	42%	94.9%	99.8%
SAU801683	CPN201046	40%	96.3%	96.2%
SAU801683	CTR200859	40%	97.5%	97.8%
SAU801683	CAC102528	45%	99.1%	99.2%
SAU801683	CBO100249	47%	99.1%	95.2%
SAU801683	CDF102396	47%	99.2%	93.6%
SAU801683	CDP100262	40%	88.8%	87.3%
SAU801683	EBC102990	43%	98.4%	98.1%
SAU801683	EFA200266	67%	98.6%	98.9%
SAU801683	EFM200127	67%	98.8%	98.9%
SAU801683	ECO101687	43%	98.4%	98.1%
SAU801683	HIN101333	41%	98.9%	98.4%
SAU801683	HPY100121	41%	90.2%	93.5%
SAU801683	KPN300773	43%	95.7%	98.4%
SAU801683	LPN100924	45%	94.9%	99.7%
SAU801683	LMO102823	72%	98.6%	99.5%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801683	MCA103158	43%	99.5%	99.4%
SAU801683	MAV102514	41%	90.1%	88.2%
SAU801683	MBV100785	40%	92.1%	88.5%
SAU801683	MLP100282	39%	96.3%	91.0%
SAU801683	MTU202577	40%	92.1%	89.2%
SAU801683	MGE100386	42%	81.6%	92.7%
SAU801683	MPN100289	41%	82.3%	93.6%
SAU801683	NGO101849	44%	98.6%	97.1%
SAU801683	NME200854	44%	98.6%	98.7%
SAU801683	PMU100593	41%	98.9%	98.4%
SAU801683	PRT105628	42%	98.4%	98.1%
SAU801683	PAE202742	41%	97.1%	96.9%
SAU801683	PPU103710	41%	97.2%	97.0%
SAU801683	PSY102599	42%	97.1%	96.9%
SAU801683	SPA100654	41%	75.0%	96.1%
SAU801683	STY101132	43%	98.4%	98.1%
SAU801683	STM103445	43%	98.4%	98.1%
SAU801683	SAU801683	100%	100%	100%
SAU801683	SEP201666	89%	100%	100%
SAU801683	SHA100279	92%	75.8%	100%
SAU801683	SMU101079	64%	99.1%	98.8%
SAU801683	SPN401471	63%	99.1%	97.1%
SAU801683	SPY200371	63%	99.1%	98.8%
SAU801683	TPA100828	41%	85.1%	92.4%
SAU801683	UUR100540	49%	88.5%	98.8%
SAU801683	VCH103018	42%	98.9%	98.8%
SAU801683	YPS003070	42%	98.4%	98.1%
SAU801687	ABA101897	42%	94.4%	97.9%
SAU801687	BAN112255	62%	98.5%	98.8%
SAU801687	BFR105929	48%	95.6%	98.8%
SAU801687	BPT100913	48%	98.2%	100%
SAU801687	BBU100057	50%	95.0%	98.8%
SAU801687	BCE100315	50%	95.3%	97.9%
SAU801687	BMA104624	49%	95.3%	97.9%
SAU801687	CBO101733	52%	97.4%	99.7%
SAU801687	CDF104406	52%	97.4%	99.7%
SAU801687	EBC101178	50%	94.1%	96.7%
SAU801687	ECO101747	47%	96.2%	99.4%
SAU801687	HIN100001	46%	96.2%	98.5%
SAU801687	HPY101328	41%	96.2%	99.1%
SAU801687	KPN301260	49%	94.1%	96.7%
SAU801687	LPN102268	52%	96.2%	99.1%
SAU801687	MCA100654	37%	95.9%	95.3%
SAU801687	NGO100736	49%	97.1%	98.3%
SAU801687	NME200057	48%	97.1%	98.3%
SAU801687	PRT101067	46%	96.2%	99.4%
SAU801687	PAE203193	50%	96.8%	99.1%
SAU801687	PPU103462	51%	94.7%	97.3%
SAU801687	PSY104227	51%	94.7%	97.3%
SAU801687	SPA101906	43%	97.1%	99.1%
SAU801687	STY101244	48%	96.2%	99.4%
SAU801687	SAU801687	100%	100%	100%
SAU801687	SEP201680	82%	99.7%	99.7%
SAU801687	TPA100835	41%	95.0%	98.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801694	ABA105254	61%	99.3%	96.9%
SAU801694	BAN112004	77%	99.5%	97.7%
SAU801694	BFR10209	60%	99.1%	99.2%
SAU801694	BPT102694	62%	99.1%	97.1%
SAU801694	BCE100542	64%	84.6%	96.6%
SAU801694	BFU100077	62%	57.1%	96.2%
SAU801694	BMA102395	63%	99.3%	97.1%
SAU801694	CAC100329	38%	95.0%	98.2%
SAU801694	CBO103577	37%	95.0%	98.5%
SAU801694	CDF102339	38%	94.5%	98.2%
SAU801694	EBC103518	62%	99.1%	97.4%
SAU801694	ECO101109	62%	99.1%	97.4%
SAU801694	HPY100026	61%	99.1%	96.7%
SAU801694	KPN301139	64%	85.5%	93.0%
SAU801694	LPN103112	66%	31.5%	100%
SAU801694	LMO101307	77%	99.1%	99.5%
SAU801694	PMU101606	61%	99.1%	97.6%
SAU801694	PRT100717	50%	11.8%	100%
SAU801694	PRT100403	64%	98.8%	97.1%
SAU801694	PAE202621	62%	99.5%	97.6%
SAU801694	PPU100885	61%	98.8%	96.9%
SAU801694	SPA104215	59%	99.1%	98.1%
SAU801694	STY102941	62%	99.1%	97.4%
SAU801694	STM102772	62%	99.1%	97.4%
SAU801694	SAU801694	100%	100%	100%
SAU801694	SEP201686	93%	100%	100%
SAU801694	SHA100973	92%	100%	100%
SAU801694	SMU100855	56%	99.3%	98.5%
SAU801694	YPS000338	61%	99.1%	97.4%
SAU801695	ABA106072	35%	97.9%	95.3%
SAU801695	BAN107073	56%	98.4%	98.9%
SAU801695	BFR11387	33%	99.2%	94.8%
SAU801695	BPT101641	35%	97.9%	91.8%
SAU801695	BCE115034	36%	97.9%	94.1%
SAU801695	BFU102001	35%	97.9%	94.3%
SAU801695	BFU100604	36%	98.1%	93.2%
SAU801695	BMA104539	37%	97.9%	94.1%
SAU801695	CJU101587	35%	97.6%	90.3%
SAU801695	CDP100042	36%	99.7%	91.1%
SAU801695	EBC101675	34%	96.5%	88.1%
SAU801695	ECO100325	36%	98.1%	94.6%
SAU801695	HPY100025	34%	95.2%	89.7%
SAU801695	KPN302561	34%	96.5%	88.5%
SAU801695	LPN101295	37%	99.7%	99.7%
SAU801695	LMO101744	54%	98.9%	99.2%
SAU801695	MCA103218	38%	94.1%	85.6%
SAU801695	MAV103161	38%	96.8%	96.5%
SAU801695	MBV104689	38%	97.1%	91.9%
SAU801695	MLP101277	34%	93.0%	84.2%
SAU801695	MTU201116	38%	97.1%	91.9%
SAU801695	NGO100564	37%	97.9%	95.5%
SAU801695	NME201898	37%	97.9%	95.6%
SAU801695	PMU100276	33%	92.8%	84.3%
SAU801695	PRT102070	33%	96.5%	88.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801695	PAE200794	41%	98.1%	97.3%
SAU801695	PPU111305	41%	98.1%	97.3%
SAU801695	PSY105567	39%	98.1%	96.3%
SAU801695	SPA102598	34%	93.6%	95.9%
SAU801695	STY104558	36%	97.9%	94.3%
SAU801695	STM104272	35%	97.9%	94.3%
SAU801695	SAU801695	100%	100%	100%
SAU801695	SEP201687	85%	99.7%	99.7%
SAU801695	SHA100972	82%	99.7%	100%
SAU801695	SMU100854	49%	99.7%	100%
SAU801695	VCH101317	37%	98.1%	97.1%
SAU801695	YPS002059	35%	96.5%	88.3%
SAU801697	BAN102623	60%	100%	100%
SAU801697	BFR102996	41%	81.4%	96.5%
SAU801697	BPT102404	37%	80.2%	96.9%
SAU801697	BBU100347	43%	80.9%	97.9%
SAU801697	BCE107531	40%	80.9%	85.7%
SAU801697	BFU103511	40%	80.9%	75.2%
SAU801697	BMA100592	39%	80.9%	99.2%
SAU801697	CJU100360	44%	80.2%	97.5%
SAU801697	CPN200665	39%	81.7%	98.6%
SAU801697	CTR200601	42%	76.9%	93.8%
SAU801697	CAC102744	53%	80.7%	99.8%
SAU801697	CBO103563	49%	100%	100%
SAU801697	CDF101154	50%	100%	99.3%
SAU801697	CDP101191	41%	81.2%	98.9%
SAU801697	EBC101988	38%	80.7%	99.2%
SAU801697	EFA202113	60%	99.1%	99.1%
SAU801697	EFM201839	52%	99.1%	99.2%
SAU801697	ECO101644	48%	80.7%	100%
SAU801697	HIN101541	40%	77.8%	95.8%
SAU801697	KPN306162	51%	73.2%	100%
SAU801697	LPN100837	36%	76.4%	99.1%
SAU801697	LMO101206	58%	99.1%	99.1%
SAU801697	MAV106549	40%	81.0%	99.2%
SAU801697	MBV101766	38%	76.6%	99.5%
SAU801697	MLP100794	39%	81.0%	99.2%
SAU801697	MTU201596	38%	81.0%	99.2%
SAU801697	MGE100220	40%	58.3%	72.2%
SAU801697	MPN100533	41%	58.3%	72.2%
SAU801697	NGO101773	40%	79.7%	96.3%
SAU801697	NME200171	40%	79.7%	96.3%
SAU801697	PMU100653	39%	79.1%	97.3%
SAU801697	PRT102320	47%	80.7%	100%
SAU801697	PAE201497	37%	81.5%	99.0%
SAU801697	PPU107170	39%	80%	98.3%
SAU801697	PSY105033	39%	81.4%	99.4%
SAU801697	SPA101649	53%	45.0%	100%
SAU801697	STY101028	47%	80.7%	100%
SAU801697	STM101984	38%	80.2%	98.3%
SAU801697	SAU801697	100%	100%	100%
SAU801697	SEP201702	89%	100%	100%
SAU801697	SHA100298	88%	77.8%	100%
SAU801697	SMU101016	42%	80.5%	99.4%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801697	SPN400797	42%	80.5%	99.4%
SAU801697	SPY200985	42%	80.5%	99.4%
SAU801697	UUR100186	38%	56.9%	75.3%
SAU801697	VCH100480	50%	80.7%	100%
SAU801697	YPS002962	47%	80.7%	100%
SAU801698	BAN100067	60%	100%	95.3%
SAU801698	BFR11519	47%	100%	90.9%
SAU801698	BBU100726	26%	90.6%	71.0%
SAU801698	CPN200599	24%	68.1%	41.2%
SAU801698	CTR200472	23%	64.8%	39.1%
SAU801698	CAC100105	50%	99.7%	95.0%
SAU801698	CBO101518	47%	99.7%	92.7%
SAU801698	CDF101157	57%	100%	95.3%
SAU801698	CDP100166	35%	93.8%	90.6%
SAU801698	EBC106796	50%	99.3%	94.7%
SAU801698	EFA202114	53%	99.7%	95%
SAU801698	EFM200509	54%	99.7%	95%
SAU801698	ECO103822	48%	99.3%	94.7%
SAU801698	HIN100963	47%	99.3%	94.7%
SAU801698	KPN300184	56%	7.5%	41.1%
SAU801698	KPN306771	48%	99.3%	94.7%
SAU801698	LPN100265	25%	83.1%	64.5%
SAU801698	LMO100385	59%	100%	95.3%
SAU801698	MAV101408	36%	90.6%	87.8%
SAU801698	MBV103661	37%	90.6%	87.8%
SAU801698	MLP101042	36%	90.6%	87.8%
SAU801698	MTU202972	37%	90.6%	87.8%
SAU801698	MGE100219	35%	93.8%	89.8%
SAU801698	MPN100534	38%	93.8%	88.4%
SAU801698	PMU100069	46%	99.3%	94.7%
SAU801698	PRT100706	47%	99.3%	93.8%
SAU801698	SPA101674	49%	99.3%	94.7%
SAU801698	STY103207	49%	99.3%	94.7%
SAU801698	STM101597	49%	99.3%	94.7%
SAU801698	SAU801698	100%	100%	100%
SAU801698	SEP201703	84%	100%	100%
SAU801698	SHA100297	81%	100%	95.3%
SAU801698	SMU101017	50%	90.9%	82.8%
SAU801698	SPN400796	56%	90.9%	83.0%
SAU801698	SPY200986	53%	90.9%	82.8%
SAU801698	TPA100107	25%	95.1%	74.2%
SAU801698	UUR100185	24%	92.5%	89.4%
SAU801698	VCH102652	50%	99.3%	91.5%
SAU801698	YPS001617	48%	99.3%	94.8%
SAU801700	ABA100308	52%	83.8%	96.0%
SAU801700	BAN105768	63%	98.4%	95.4%
SAU801700	BPT101398	52%	99.7%	97.5%
SAU801700	BCE106451	53%	99.7%	96.9%
SAU801700	BFU100947	53%	99.7%	96.9%
SAU801700	BMA107589	53%	99.7%	96.9%
SAU801700	CJU100411	51%	99.7%	98.4%
SAU801700	CPN200335	48%	99.4%	96.3%
SAU801700	CTR200529	48%	99.4%	96.3%
SAU801700	CAC100492	60%	84.1%	96.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801700	CBO102220	56%	88.9%	50.3%
SAU801700	CDF101403	55%	95.5%	95.5%
SAU801700	EBC102554	53%	98.4%	97.8%
SAU801700	EFA200247	53%	80.6%	96.6%
SAU801700	EFM200190	56%	80.6%	96.9%
SAU801700	ECO100185	52%	98.4%	97.8%
SAU801700	HIN100386	53%	98.4%	97.8%
SAU801700	HPY100550	48%	99.7%	97.8%
SAU801700	KPN301921	53%	98.4%	97.8%
SAU801700	LPN101352	52%	85.0%	98.9%
SAU801700	LMO100159	60%	99.0%	97.8%
SAU801700	MCA100190	53%	80.3%	98.4%
SAU801700	MLP101010	25%	44.9%	29.0%
SAU801700	NGO100369	50%	99.7%	98.1%
SAU801700	NME201237	50%	99.7%	98.1%
SAU801700	PMU100292	53%	98.4%	97.8%
SAU801700	PRT100667	51%	98.4%	97.8%
SAU801700	PRT101241	51%	98.4%	97.8%
SAU801700	PAE203637	52%	98.7%	98.1%
SAU801700	PPU101171	51%	98.4%	98.1%
SAU801700	PSY108491	50%	98.4%	97.5%
SAU801700	SPA100816	47%	89.2%	99.3%
SAU801700	STY103916	53%	98.4%	97.8%
SAU801700	STM103628	53%	98.4%	97.8%
SAU801700	SAU801700	100%	100%	100%
SAU801700	SEP201704	85%	100%	100%
SAU801700	SHA100923	86%	100%	99.7%
SAU801700	SMU100529	56%	79.0%	95.3%
SAU801700	SPN400387	56%	79.9%	96.9%
SAU801700	SPY201342	56%	79.0%	95.3%
SAU801700	VCH102210	52%	98.4%	97.8%
SAU801700	YPS001157	54%	98.4%	97.8%
SAU801701	ABA101266	42%	86.3%	83.2%
SAU801701	BAN103283	66%	98.6%	96.9%
SAU801701	BFR11219	27%	65.3%	34.0%
SAU801701	BFR11611	29%	76.8%	89.6%
SAU801701	BFR11899	29%	64.6%	33.9%
SAU801701	BPT100791	46%	94.0%	94.5%
SAU801701	BCE105100	57%	44.9%	94.1%
SAU801701	BFU114977	42%	91.6%	91.4%
SAU801701	BMA103750	43%	90.2%	89.7%
SAU801701	CJU100116	46%	97.2%	97.5%
SAU801701	CPN200705	46%	86.3%	80.8%
SAU801701	CTR200558	46%	86.3%	88.0%
SAU801701	CAC103552	58%	95.1%	98.2%
SAU801701	CDF101011	50%	98.9%	100%
SAU801701	CDP100046	35%	76.5%	43.1%
SAU801701	EBC101249	46%	83.9%	96.0%
SAU801701	EFA200246	53%	95.1%	96.5%
SAU801701	EFM200144	51%	95.8%	96.2%
SAU801701	ECO102274	47%	91.6%	86.8%
SAU801701	HIN101232	47%	90.5%	88.2%
SAU801701	HPY100934	47%	96.8%	95.5%
SAU801701	KPN302817	46%	91.6%	86.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801701	LPN101645	49%	66.0%	85.8%
SAU801701	LMO101514	60%	98.2%	95.6%
SAU801701	MCA101005	47%	63.2%	95.7%
SAU801701	MAV105603	37%	76.8%	44.3%
SAU801701	MBV105423	38%	74.0%	42.2%
SAU801701	MLP100072	31%	64.9%	78.9%
SAU801701	MTU200895	38%	74.0%	42.2%
SAU801701	NGO100954	44%	90.2%	89.7%
SAU801701	NME200815	44%	90.5%	90%
SAU801701	PMU100636	47%	90.5%	85.9%
SAU801701	PRT103138	29%	29.5%	70.2%
SAU801701	PRT100424	46%	91.6%	82.5%
SAU801701	PAE203110	45%	90.9%	90.3%
SAU801701	PPU105860	45%	90.2%	87.5%
SAU801701	PSY101722	44%	90.2%	85.0%
SAU801701	SPA100127	43%	47.7%	61.8%
SAU801701	STY101011	46%	91.6%	86.8%
SAU801701	SAU801701	100%	100%	100%
SAU801701	SEP201705	90%	99.6%	99.6%
SAU801701	SHA100922	88%	100%	99.3%
SAU801701	SMU100531	50%	95.1%	96.9%
SAU801701	SPN400386	48%	95.4%	96.9%
SAU801701	SPY201343	47%	95.1%	96.9%
SAU801701	VCH100983	46%	91.6%	85.7%
SAU801701	YPS002401	46%	91.6%	86.8%
SAU801703	ABA101411	32%	91.1%	87.3%
SAU801703	BAN112326	40%	93.0%	92.9%
SAU801703	BFR102018	32%	71.5%	61.8%
SAU801703	BPT101552	31%	94.5%	93.1%
SAU801703	BBU100578	33%	98.2%	96.8%
SAU801703	BCE115231	33%	90.6%	88.1%
SAU801703	BFU107633	33%	90.6%	86.9%
SAU801703	BMA101634	33%	90.6%	88.3%
SAU801703	CJU100668	36%	8.8%	11.4%
SAU801703	CPN200079	35%	10.0%	15.6%
SAU801703	CTR200821	31%	94.2%	91.0%
SAU801703	CAC103161	35%	91.9%	91.9%
SAU801703	CBO100607	32%	99.7%	99.3%
SAU801703	CBO101196	32%	99.6%	98.7%
SAU801703	CDF101163	35%	92.4%	90.7%
SAU801703	CDP101233	36%	14.1%	16.2%
SAU801703	EBC102553	32%	93.8%	93.0%
SAU801703	EFA202115	37%	97.0%	96.8%
SAU801703	EFM200294	38%	91.1%	90.8%
SAU801703	ECO100184	33%	93.8%	93.0%
SAU801703	HIN100720	32%	93.8%	92.9%
SAU801703	HPY101439	30%	93.4%	91.7%
SAU801703	KPN301922	32%	93.8%	93.0%
SAU801703	LPN102982	33%	97.5%	97.0%
SAU801703	LMO100629	40%	95.8%	97.4%
SAU801703	MCA102321	33%	83.2%	81.0%
SAU801703	MAV103371	32%	92.0%	92.1%
SAU801703	MBV102577	31%	92.0%	93.1%
SAU801703	MLP100747	32%	92.0%	92.1%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801703	MTU201526	31%	92.0%	91.8%
SAU801703	MGE100266	31%	77.2%	95.5%
SAU801703	MPN100459	33%	72.3%	89.2%
SAU801703	NGO101860	31%	92.8%	92.4%
SAU801703	NME200585	32%	92.8%	92.4%
SAU801703	PMU100034	32%	93.8%	92.9%
SAU801703	PRT101242	33%	92.0%	92.9%
SAU801703	PAE203638	32%	90.6%	90.5%
SAU801703	PPU100137	32%	93.9%	93.4%
SAU801703	PSY104339	31%	90.6%	90.5%
SAU801703	SPA100912	31%	93.8%	93.7%
SAU801703	STY103914	33%	93.8%	93.0%
SAU801703	STM103627	33%	93.8%	93.0%
SAU801703	SAU801703	100%	100%	100%
SAU801703	SEP201707	70%	100%	100%
SAU801703	SHA100359	68%	99.7%	97.1%
SAU801703	SMU101018	33%	92.8%	93.5%
SAU801703	SPN400795	34%	92.4%	92.3%
SAU801703	SPY200987	34%	92.4%	93.1%
SAU801703	TPA100661	34%	93.7%	90.8%
SAU801703	UUR100419	35%	87.5%	94.8%
SAU801703	VCH102211	31%	94.5%	93.3%
SAU801703	YPS001155	33%	92.9%	91.5%
SAU801712	BAN110414	35%	96.8%	98.8%
SAU801712	EFA202191	33%	71.4%	95.6%
SAU801712	EFM201485	35%	80.3%	76.4%
SAU801712	HIN100304	26%	31.4%	40.7%
SAU801712	LMO102042	34%	99.0%	100%
SAU801712	PMU100985	25%	31.4%	40.7%
SAU801712	PAE201895	23%	30.2%	21.1%
SAU801712	SAU801712	100%	100%	100%
SAU801712	SEP201729	83%	100%	100%
SAU801712	SHA100433	82%	100%	100%
SAU801712	SMU100537	30%	94.3%	89.3%
SAU801712	SPN401853	35%	79.0%	77.0%
SAU801712	SPY200081	33%	82.2%	80.1%
SAU801719	ABA100128	47%	100%	100%
SAU801719	BAN103804	78%	100%	100%
SAU801719	BFR10425	48%	100%	100%
SAU801719	BPT100895	43%	100%	100%
SAU801719	BBU100614	39%	100%	98.6%
SAU801719	BCE103241	44%	100%	100%
SAU801719	BFU101595	44%	100%	100%
SAU801719	BMA100015	44%	100%	100%
SAU801719	CJU101500	46%	100%	100%
SAU801719	CPN200012	40%	99.5%	98.6%
SAU801719	CTR200903	43%	99.5%	98.6%
SAU801719	CAC102218	42%	100%	100%
SAU801719	CBO101434	44%	100%	100%
SAU801719	CDF103315	49%	86.5%	90.6%
SAU801719	CDP100020	50%	100%	100%
SAU801719	EBC103653	47%	100%	100%
SAU801719	EFA202012	66%	100%	99.0%
SAU801719	ECO103219	47%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801719	HIN100782	47%	100%	100%
SAU801719	HPY101276	47%	100%	100%
SAU801719	KPN300702	47%	100%	100%
SAU801719	LMO100680	75%	100%	100%
SAU801719	MCA100425	46%	100%	100%
SAU801719	MAV101010	48%	100%	100%
SAU801719	MBV100325	46%	100%	100%
SAU801719	MLP101195	47%	100%	100%
SAU801719	MTU203411	46%	100%	100%
SAU801719	MGE100317	42%	99%	98.0%
SAU801719	MPN100395	44%	99%	98.0%
SAU801719	NGO100887	47%	100%	100%
SAU801719	NME200098	47%	100%	100%
SAU801719	PMU101391	48%	100%	100%
SAU801719	PRT104446	48%	100%	100%
SAU801719	PAE204237	46%	100%	100%
SAU801719	PPU108168	47%	100%	100%
SAU801719	PSY107923	42%	100%	100%
SAU801719	SPA104316	47%	100%	100%
SAU801719	STY101827	47%	100%	100%
SAU801719	SAU801719	100%	100%	100%
SAU801719	SEP201745	93%	100%	100%
SAU801719	SHA100142	92%	100%	100%
SAU801719	SMU101344	66%	100%	99.0%
SAU801719	SPN400078	65%	100%	99.0%
SAU801719	SPY201664	65%	100%	99.0%
SAU801719	TPA100303	41%	94%	94.6%
SAU801719	UUR100503	48%	100%	99.0%
SAU801719	VCH102535	47%	100%	100%
SAU801719	YPS002492	45%	100%	100%
SAU801722	BFU111473	28%	73.0%	55.5%
SAU801722	KPN305062	23%	86.5%	88.8%
SAU801722	SAU801722	100%	100%	100%
SAU801722	SEP201747	65%	96.6%	97.9%
SAU801722	SHA101468	65%	90.5%	100%
SAU801723	ABA103811	23%	93.0%	91.1%
SAU801723	BAN112134	22%	77.9%	82.1%
SAU801723	BAN108173	23%	91.2%	96.4%
SAU801723	BFR11044	24%	91.2%	97.5%
SAU801723	BCE109919	27%	89.4%	96.3%
SAU801723	BFU103313	28%	86.5%	90.2%
SAU801723	BMA103073	28%	89.4%	96.3%
SAU801723	CAC101326	28%	91.9%	98.3%
SAU801723	CBO103823	29%	91.9%	98.0%
SAU801723	CDF100905	29%	91.9%	97.8%
SAU801723	EBC100388	22%	53.0%	98.0%
SAU801723	EFA202078	25%	95.8%	96.5%
SAU801723	EFM101508	25%	49.6%	96.0%
SAU801723	ECO100882	22%	50.6%	55.0%
SAU801723	HPY100724	31%	92.7%	94.0%
SAU801723	KPN302433	23%	92.7%	90.8%
SAU801723	MCA100242	26%	53.2%	56%
SAU801723	PRT102617	21%	71.4%	76.0%
SAU801723	PAE201309	23%	69.6%	71.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801723	PPU111438	22%	93.0%	97.3%
SAU801723	SPA103653	26%	77.1%	81.2%
SAU801723	STY100702	24%	91.2%	96.2%
SAU801723	STM100412	25%	91.2%	96.2%
SAU801723	SAU801723	100%	100%	100%
SAU801723	SEP201749	75%	99.7%	100%
SAU801723	SHA100581	70%	99.2%	99.2%
SAU801723	SMU101221	20%	44.9%	52.9%
SAU801723	VCH100387	28%	87.5%	91.7%
SAU801723	YPS001257	23%	50.6%	54.8%
SAU801726	EBC101577	48%	98.8%	100%
SAU801726	EFA201939	51%	99.6%	72.6%
SAU801726	EFM200960	51%	99.6%	72.7%
SAU801726	KPN100130	42%	65.4%	98.4%
SAU801726	PMU100876	49%	99.4%	98.8%
SAU801726	PRT101158	48%	98.0%	71.2%
SAU801726	SAU801726	100%	100%	100%
SAU801726	SEP202071	77%	100%	99.8%
SAU801726	SHA100570	76%	100%	100%
SAU801726	YPS001239	48%	98.0%	71.5%
SAU801727	ABA100079	26%	70.7%	77.9%
SAU801727	BAN103991	44%	80%	83.2%
SAU801727	BAN111056	44%	96.6%	97.5%
SAU801727	BFR105109	25%	62.4%	46.1%
SAU801727	BPT101209	24%	73.7%	64.9%
SAU801727	BBU100037	24%	82.9%	72%
SAU801727	BCE112943	25%	67.8%	27.5%
SAU801727	BFU101555	27%	77.1%	64.7%
SAU801727	BMA102538	29%	78.0%	63.7%
SAU801727	CJU100479	25%	56.1%	50.9%
SAU801727	CPN200177	23%	93.2%	92.5%
SAU801727	CTR200728	24%	78.5%	78.2%
SAU801727	CAC103311	25%	96.1%	83.8%
SAU801727	CBO103145	25%	88.3%	77.5%
SAU801727	CDF100095	34%	81.0%	82.3%
SAU801727	CDP101961	30%	73.2%	24.9%
SAU801727	EBC100878	23%	81.0%	70.1%
SAU801727	EFA200862	34%	91.2%	93.8%
SAU801727	EFM200018	33%	96.6%	88.6%
SAU801727	ECO102952	23%	81.0%	69.8%
SAU801727	HIN100714	26%	83.4%	75%
SAU801727	HPY101330	32%	62.4%	54.2%
SAU801727	KPN305544	25%	55.1%	49.0%
SAU801727	LPN102983	30%	79.0%	69.5%
SAU801727	LMO100144	41%	97.1%	97.0%
SAU801727	MAV103253	25%	72.7%	60%
SAU801727	MBV105256	31%	62.4%	51.0%
SAU801727	MLP100059	25%	72.7%	59.5%
SAU801727	MTU203761	31%	62.4%	51.0%
SAU801727	MGE100216	25%	63.4%	53.0%
SAU801727	MPN100537	22%	70.2%	56.0%
SAU801727	NGO100013	30%	65.9%	55.5%
SAU801727	NME200377	31%	69.3%	58.3%
SAU801727	PMU102001	22%	73.2%	76.6%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801727	PRT101005	25%	86.8%	75.1%
SAU801727	PAE200005	29%	59.5%	47.9%
SAU801727	PPU103632	25%	71.7%	59.4%
SAU801727	PSY103533	29%	70.2%	58.2%
SAU801727	SPA103206	25%	46.3%	95.1%
SAU801727	STY100460	23%	81.0%	69.8%
SAU801727	SAU801727	100%	100%	100%
SAU801727	SEP202072	80%	100%	99.0%
SAU801727	SHA100569	80%	100%	99.0%
SAU801727	SMU100763	32%	96.1%	78%
SAU801727	SPN401464	34%	95.6%	73.5%
SAU801727	SPY201080	32%	96.1%	71.7%
SAU801727	VCH101936	26%	66.8%	22.7%
SAU801727	YPS002560	28%	63.9%	62.9%
SAU801729	ABA100977	27%	94.0%	92.2%
SAU801729	BAN112022	61%	98.8%	99.5%
SAU801729	BFR102131	47%	98.1%	98.6%
SAU801729	BPT102833	27%	90.5%	86.8%
SAU801729	BBU100369	40%	98.8%	99.3%
SAU801729	BCE105055	26%	94.5%	93.2%
SAU801729	BFU103526	26%	90.5%	85.1%
SAU801729	BMA103960	27%	94.5%	81.4%
SAU801729	CJU101196	26%	94.0%	93.8%
SAU801729	CPN200392	39%	90.7%	91.7%
SAU801729	CTR200327	39%	97.4%	97.6%
SAU801729	CAC102127	43%	99.3%	99.3%
SAU801729	CBO100352	46%	98.6%	98.5%
SAU801729	CDF100316	26%	94.3%	97.7%
SAU801729	CDP101017	44%	98.8%	99.0%
SAU801729	EBC101794	48%	98.3%	98.1%
SAU801729	EFA201026	58%	99.8%	100%
SAU801729	EFM101163	56%	98.1%	98.3%
SAU801729	ECO101607	48%	98.3%	98.1%
SAU801729	HIN101577	28%	98.8%	96.8%
SAU801729	HPY100761	28%	94.0%	93.5%
SAU801729	KPN300735	41%	83.3%	99.2%
SAU801729	LPN101252	27%	91.2%	89.8%
SAU801729	LMO100615	59%	99.0%	99.5%
SAU801729	MCA103163	27%	96.7%	94.6%
SAU801729	MAV104042	44%	98.1%	98.1%
SAU801729	MBV103086	43%	97.4%	97.9%
SAU801729	MLP100838	44%	98.1%	98.1%
SAU801729	MTU201668	43%	98.1%	97.9%
SAU801729	MGE100464	34%	99.3%	96.1%
SAU801729	MPN100173	36%	99.3%	98.2%
SAU801729	NGO101762	48%	98.3%	98.8%
SAU801729	NME200576	49%	98.3%	98.8%
SAU801729	PMU100755	28%	98.8%	98.2%
SAU801729	PRT103206	48%	92.9%	98.5%
SAU801729	PAE204135	39%	97.6%	96.1%
SAU801729	PPU102660	30%	88.8%	89.0%
SAU801729	PSY103333	31%	86.2%	85.4%
SAU801729	SPA102382	48%	98.3%	99.0%
SAU801729	STY100579	48%	98.3%	98.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801729	STM104067	48%	98.3%	98.1%
SAU801729	SAU801729	100%	100%	100%
SAU801729	SEP202075	89%	100%	99.8%
SAU801729	SHA101242	86%	100%	100%
SAU801729	SMU100562	55%	98.8%	99.5%
SAU801729	SPN401907	52%	98.8%	99.5%
SAU801729	SPY200069	55%	98.8%	99.5%
SAU801729	TPA100825	38%	97.9%	95.4%
SAU801729	UUR100116	44%	98.3%	98.1%
SAU801729	VCH100460	49%	99.0%	96.1%
SAU801729	YPS002930	48%	98.8%	98.6%
SAU801731	BAN111612	27%	13.2%	11.7%
SAU801731	BAN104612	23%	20.1%	70.9%
SAU801731	BAN104171	27%	11.2%	68.4%
SAU801731	BAN109296	23%	29.2%	47.3%
SAU801731	CAC102751	23%	22.3%	33.1%
SAU801731	LMO100495	23%	59.6%	62.7%
SAU801731	SAU801129	42%	0.7%	37.1%
SAU801731	SAU801731	100%	100%	100%
SAU801731	SMU100069	26%	10.2%	13.5%
SAU801733	ABA104697	39%	97.4%	90.0%
SAU801733	BAN107191	68%	100%	99.8%
SAU801733	BPT101744	36%	94.2%	87.1%
SAU801733	BCE108358	31%	8.1%	38.2%
SAU801733	BCE107626	38%	91.7%	81.5%
SAU801733	BFU102771	37%	94.2%	87.3%
SAU801733	BMA105405	39%	91.7%	85%
SAU801733	CJU101446	37%	95.2%	88.0%
SAU801733	EBC104475	39%	97.4%	86.1%
SAU801733	ECO103963	38%	99.3%	90.6%
SAU801733	HPY101028	37%	94.2%	86.7%
SAU801733	KPN304710	38%	99.3%	91.2%
SAU801733	LPN103537	38%	91.2%	86.4%
SAU801733	MAV102747	38%	95.4%	88.8%
SAU801733	MBV104988	38%	95.4%	89.2%
SAU801733	MTU203613	38%	95.4%	89.2%
SAU801733	PMU100692	39%	94.2%	87.1%
SAU801733	PRT105882	37%	93.7%	84.1%
SAU801733	PAE204729	40%	93.8%	87.3%
SAU801733	PPU108448	36%	95.2%	89.6%
SAU801733	PSY103165	38%	93.7%	90.2%
SAU801733	SPA101860	35%	99.3%	91.5%
SAU801733	STY102326	37%	99.3%	90.6%
SAU801733	STM104274	28%	93.8%	90.8%
SAU801733	SAU801733	100%	100%	100%
SAU801733	SHA101238	83%	100%	99.8%
SAU801733	VCH100294	37%	93.7%	84.7%
SAU801733	YPS002593	38%	98.6%	91.0%
SAU801738	ABA106084	26%	79.9%	39.5%
SAU801738	BCE103763	21%	53.5%	73.2%
SAU801738	BFU115601	24%	43.8%	28.5%
SAU801738	CJU101364	29%	42.9%	51.9%
SAU801738	CTR200035	22%	83.8%	24.6%
SAU801738	EBC102124	26%	72.6%	60.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801738	ECO100722	28%	76.1%	60.6%
SAU801738	HPY100318	22%	88.3%	34.1%
SAU801738	KPN300668	29%	35.8%	60.4%
SAU801738	MCA101042	18%	72.1%	92.1%
SAU801738	MAV108037	27%	31.0%	47.2%
SAU801738	MAV100245	25%	41.2%	56.0%
SAU801738	NGO101025	22%	23.5%	77.5%
SAU801738	PMU100968	26%	86.1%	36.2%
SAU801738	PAE200970	23%	81.4%	47.6%
SAU801738	PPU108649	28%	88.1%	40.1%
SAU801738	PSY105487	24%	82.7%	58.0%
SAU801738	SPA100196	27%	86.3%	62.8%
SAU801738	STY101950	26%	87.2%	60.4%
SAU801738	STM101679	27%	85.2%	57.2%
SAU801738	SAU801738	100%	100%	100%
SAU801738	SEP202090	34%	94.7%	92.4%
SAU801738	SHA103272	46%	21.2%	36.5%
SAU801738	SPN400121	23%	69.9%	23.9%
SAU801738	SPN401992	21%	79.9%	61.3%
SAU801738	TPA100466	23%	26.1%	66.7%
SAU801738	VCH101807	23%	40.7%	57.3%
SAU801738	YPS002074	26%	73.9%	49.5%
SAU801740	ABA100629	33%	95.7%	92.1%
SAU801740	BAN108290	64%	98.6%	98.9%
SAU801740	BFR104492	27%	96.3%	98.7%
SAU801740	BPT102999	32%	96.1%	96.8%
SAU801740	BBU100816	32%	86.3%	85.9%
SAU801740	BCE114835	30%	95.7%	95.5%
SAU801740	BFU100404	30%	92.4%	97.1%
SAU801740	BMA107598	31%	95.7%	95.5%
SAU801740	CJU100982	29%	99.5%	99.5%
SAU801740	CTR200138	29%	97.5%	52.3%
SAU801740	CAC101140	33%	97.5%	97.2%
SAU801740	CBO102681	34%	97.7%	96.7%
SAU801740	CDF104436	33%	97.5%	99.3%
SAU801740	CDP101264	29%	98.6%	98.1%
SAU801740	EBC101801	28%	96.3%	91.9%
SAU801740	EFA202282	61%	97.0%	95.5%
SAU801740	EFM200546	60%	97.0%	95.7%
SAU801740	ECO100091	29%	96.3%	91.9%
SAU801740	HIN101113	28%	95.9%	93.5%
SAU801740	HPY100615	29%	95.2%	94.4%
SAU801740	KPN301848	29%	96.3%	91.9%
SAU801740	LPN102520	33%	95.9%	94.5%
SAU801740	LMO102778	59%	97.7%	95.5%
SAU801740	MCA100897	32%	96.6%	90.9%
SAU801740	MAV103971	30%	61.3%	86.7%
SAU801740	MBV100529	28%	98.4%	94.7%
SAU801740	MLP100570	29%	95.2%	91.9%
SAU801740	MTU202118	28%	98.4%	94.7%
SAU801740	NGO100584	31%	98.2%	97.9%
SAU801740	NME201905	32%	98.2%	90.7%
SAU801740	PMU100143	28%	95.9%	92.1%
SAU801740	PRT102633	29%	96.3%	92.6%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801740	PAE204409	32%	96.6%	91.2%
SAU801740	PPU111777	33%	96.6%	90.9%
SAU801740	PSY103843	33%	96.6%	91.4%
SAU801740	SPA101847	27%	98.2%	96.0%
SAU801740	STY103177	27%	98.9%	93.9%
SAU801740	STM102889	27%	98.9%	93.9%
SAU801740	SAU801740	100%	100%	100%
SAU801740	SEP202092	84%	100%	100%
SAU801740	SHA100218	80%	56.3%	100%
SAU801740	SMU100523	50%	97.7%	97.1%
SAU801740	SPN401372	49%	97.0%	96.4%
SAU801740	SPY200251	50%	97.9%	97.3%
SAU801740	TPA100337	29%	85.1%	82.7%
SAU801740	VCH102365	29%	95.9%	87.7%
SAU801740	YPS001016	28%	96.3%	91.9%
SAU801741	ABA100229	33%	57.5%	81.4%
SAU801741	BAN106567	33%	99.5%	99.8%
SAU801741	BCE110599	42%	38.9%	96.3%
SAU801741	BFU105081	43%	36.7%	36.5%
SAU801741	BMA101290	45%	35.2%	86.1%
SAU801741	CJU100817	33%	65.9%	82.8%
SAU801741	EBC100487	38%	36.7%	64.3%
SAU801741	ECO100865	38%	45.9%	48.8%
SAU801741	HIN101559	45%	36.0%	92.8%
SAU801741	HPY101073	39%	41.6%	64.9%
SAU801741	KPN100639	46%	25.0%	99.4%
SAU801741	LPN100195	41%	39.5%	71.8%
SAU801741	LMO102204	45%	56.3%	96.8%
SAU801741	MCA100556	43%	35.2%	99.4%
SAU801741	PMU100255	35%	53.1%	78.2%
SAU801741	PRT100386	34%	55.6%	85.9%
SAU801741	SPA103466	44%	36.3%	97.1%
SAU801741	STY102893	41%	40.4%	41.3%
SAU801741	STM102713	38%	45.1%	45.4%
SAU801741	SAU801741	100%	100%	100%
SAU801741	SEP202093	54%	100%	100%
SAU801741	SHA101435	51%	100%	100%
SAU801741	VCH101873	40%	43.6%	66.1%
SAU801742	BAN102341	53%	99.0%	97.5%
SAU801742	EFA202054	46%	97.0%	96.1%
SAU801742	EFM200975	56%	74.2%	96.1%
SAU801742	LMO100772	53%	99.0%	97.1%
SAU801742	MGE100458	42%	63.1%	85.4%
SAU801742	MPN100179	35%	89.4%	76.1%
SAU801742	SAU801742	100%	100%	100%
SAU801742	SEP202095	76%	100%	100%
SAU801742	SHA101433	77%	100%	100%
SAU801742	SMU100522	42%	97.0%	94.2%
SAU801742	SPN401724	40%	97.0%	94.2%
SAU801742	SPY101819	41%	97.0%	94.2%
SAU801742	UUR100192	30%	99.0%	96.4%
SAU801749	BAN106147	46%	98.5%	97.7%
SAU801749	BFU115607	25%	21.3%	15.8%
SAU801749	BMA109525	38%	20.5%	15.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801749	CBO101598	22%	43.0%	38.3%
SAU801749	EFA201131	40%	89.0%	90.7%
SAU801749	EFM202567	39%	95.1%	96.2%
SAU801749	HIN101506	28%	33.1%	35.2%
SAU801749	LPN101017	18%	45.2%	40.3%
SAU801749	LMO101148	44%	87.5%	88.5%
SAU801749	MAV102537	26%	34.6%	24.1%
SAU801749	MGE100366	18%	68.4%	57.5%
SAU801749	PPU110551	23%	45.2%	36.9%
SAU801749	PSY102492	30%	22.4%	17.2%
SAU801749	SAU801749	100%	100%	100%
SAU801749	SEP202110	89%	100%	100%
SAU801749	SHA101330	89%	100%	100%
SAU801749	SMU100768	30%	90.5%	91.9%
SAU801749	SPN400475	30%	90.5%	90.5%
SAU801749	SPY201327	31%	82.1%	82.5%
SAU801749	YPS003183	19%	77.9%	74.3%
SAU801751	BAN104199	42%	98.9%	99.1%
SAU801751	BFR100617	37%	14.9%	16.1%
SAU801751	CAC102647	36%	98.5%	98.5%
SAU801751	CBO100026	35%	98.1%	98.3%
SAU801751	CDF102762	35%	98.7%	97.1%
SAU801751	EFA201202	40%	98.9%	98.7%
SAU801751	EFM200248	36%	65.5%	98.4%
SAU801751	LMO100797	44%	98.9%	98.5%
SAU801751	PPU110017	24%	89.3%	76.0%
SAU801751	PSY104220	24%	96.6%	73.9%
SAU801751	SAU801751	100%	100%	100%
SAU801751	SEP202112	82%	100%	100%
SAU801751	SHA101328	82%	99.8%	99.8%
SAU801751	SMU100171	38%	98.9%	98.7%
SAU801751	SPN400547	39%	98.3%	97.9%
SAU801751	SPY200812	38%	98.9%	98.5%
SAU801753	ABA100431	35%	97.0%	96.6%
SAU801753	BAN104776	48%	98.7%	96.3%
SAU801753	BBU100128	28%	98.3%	92.4%
SAU801753	BCE110410	32%	98.7%	97.1%
SAU801753	BFU113278	33%	98.7%	89.3%
SAU801753	BMA108257	34%	98.7%	96.2%
SAU801753	CPN200986	36%	96.1%	94.0%
SAU801753	CTR200096	34%	97.8%	93.8%
SAU801753	CAC103133	48%	99.6%	97.5%
SAU801753	CBO100292	46%	98.3%	97.9%
SAU801753	CDF102819	48%	96.5%	95%
SAU801753	EBC102915	36%	97.0%	96.2%
SAU801753	EFA201204	47%	100%	98.0%
SAU801753	EFM200797	46%	100%	100%
SAU801753	ECO102142	37%	97.0%	97.8%
SAU801753	HIN101215	40%	98.7%	99.1%
SAU801753	KPN301779	37%	96.1%	93.7%
SAU801753	LMO101945	50%	100%	100%
SAU801753	MCA103178	35%	98.3%	99.6%
SAU801753	NGO100244	36%	95.2%	97.8%
SAU801753	NME201373	36%	95.2%	97.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801753	PMU100003	38%	99.1%	99.6%
SAU801753	PRT101140	39%	99.1%	98.7%
SAU801753	PAE200732	35%	97.0%	98.3%
SAU801753	PPU103373	36%	97.0%	98.3%
SAU801753	PSY102334	36%	95.2%	96.5%
SAU801753	SPA100233	38%	97.0%	97.8%
SAU801753	STY104331	38%	97.0%	97.8%
SAU801753	SAU801753	100%	100%	100%
SAU801753	SEP202114	72%	98.7%	99.1%
SAU801753	SHA101326	70%	99.6%	100%
SAU801753	SMU100796	39%	99.6%	99.2%
SAU801753	SPN400256	46%	98.7%	97.9%
SAU801753	SPY201026	45%	98.7%	96.3%
SAU801753	VCH101608	40%	97.0%	97.4%
SAU801753	YPS000335	40%	97.0%	96.2%
SAU801754	ABA105833	19%	93.3%	96.1%
SAU801754	BAN113336	39%	76.7%	98.3%
SAU801754	BAN106207	39%	82.8%	97.6%
SAU801754	BAN104835	37%	99.3%	97.6%
SAU801754	BCE109401	18%	72.7%	70.2%
SAU801754	BFU100360	18%	72.7%	70.2%
SAU801754	BMA106132	17%	64.2%	51.7%
SAU801754	CAC101941	26%	94.4%	95.3%
SAU801754	CBO100125	25%	95.3%	97.3%
SAU801754	CDF100053	35%	13.4%	62.4%
SAU801754	CDF102528	25%	98.7%	96.3%
SAU801754	EBC101202	21%	38.9%	41.9%
SAU801754	EFA201206	28%	99.1%	97.1%
SAU801754	EFM200105	28%	99.5%	97.6%
SAU801754	ECO101042	20%	33.3%	35.6%
SAU801754	KPN302527	19%	38.9%	40.8%
SAU801754	LPN101130	18%	96.4%	95.3%
SAU801754	LMO100220	38%	99.3%	99.8%
SAU801754	MCA103523	18%	96.0%	98.1%
SAU801754	MAV108372	19%	30.7%	54.9%
SAU801754	NGO101881	17%	78.5%	77.9%
SAU801754	NME202045	18%	78.5%	77.9%
SAU801754	PMU101660	19%	84.8%	88.8%
SAU801754	PRT101541	21%	40.5%	43.8%
SAU801754	PAE204560	21%	40.5%	43.8%
SAU801754	PPU112503	19%	36.9%	38.9%
SAU801754	PSY102688	19%	36.9%	40.4%
SAU801754	SPA100422	21%	40.7%	41.9%
SAU801754	STY102506	20%	38.9%	43.1%
SAU801754	STM102672	20%	38.9%	40.8%
SAU801754	SAU801754	100%	100%	100%
SAU801754	SEP202115	83%	100%	100%
SAU801754	SHA101325	71%	100%	100%
SAU801754	SMU100383	26%	99.3%	98.2%
SAU801754	SPN401382	27%	99.1%	98.3%
SAU801754	SPY200284	27%	99.3%	98.2%
SAU801754	TPA100512	19%	66.5%	65.2%
SAU801754	VCH100667	18%	80.8%	81.0%
SAU801755	ABA103848	35%	79.3%	60.4%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801755	BAN100407	63%	92.0%	68.6%
SAU801755	BPT101495	29%	80.6%	61.8%
SAU801755	BCE105916	29%	80.3%	61.1%
SAU801755	BFU102587	30%	80.3%	61.0%
SAU801755	BMA109065	28%	87.6%	65.8%
SAU801755	CAC101518	41%	86.6%	66.9%
SAU801755	CBO101797	38%	93.9%	70.3%
SAU801755	CDF102335	40%	90.8%	68.6%
SAU801755	EBC103756	30%	93.0%	89.7%
SAU801755	EFA202331	52%	89.2%	72.4%
SAU801755	EFM200487	46%	94.3%	70.7%
SAU801755	ECO103415	31%	93.0%	70%
SAU801755	HIN100912	30%	88.5%	65.8%
SAU801755	KPN306630	29%	93.0%	70.5%
SAU801755	LPN102418	32%	79.3%	82.5%
SAU801755	LMO100816	55%	94.6%	70.8%
SAU801755	MCA101549	35%	79.0%	60.1%
SAU801755	PMU100031	32%	79.3%	60.9%
SAU801755	PRT104499	30%	93.9%	70.6%
SAU801755	PAE200558	30%	79.3%	61.0%
SAU801755	PPU109267	35%	79.3%	61.1%
SAU801755	PSY103648	34%	79.3%	57.2%
SAU801755	SPA101798	30%	93.0%	70.4%
SAU801755	STY100869	30%	93.0%	70%
SAU801755	SAU801755	100%	100%	100%
SAU801755	SEP202116	75%	96.5%	70.8%
SAU801755	SHA101324	79%	95.5%	71.4%
SAU801755	SMU100726	40%	94.6%	71.5%
SAU801755	SPN400651	43%	89.2%	66.0%
SAU801755	SPY201435	43%	94.6%	71.7%
SAU801755	VCH100080	32%	93.0%	70.4%
SAU801755	YPS002475	31%	93.9%	71.1%
SAU801758	BPT101066	20%	20.8%	79.8%
SAU801758	MPN100367	18%	43.7%	86.2%
SAU801758	PMU101507	23%	15.8%	73.6%
SAU801758	SAU801758	100%	100%	100%
SAU801758	SEP202646	35%	99.6%	29.7%
SAU801758	SHA100633	28%	73.7%	83.4%
SAU801758	SHA100651	33%	12.8%	80.4%
SAU801758	SHA101983	28%	99.9%	40.6%
SAU801758	SHA101424	30%	82.9%	58.1%
SAU801760	ABA105508	41%	99.5%	98.9%
SAU801760	BAN102826	74%	99.9%	99.9%
SAU801760	BFR10298	45%	99.8%	99.9%
SAU801760	BPT102350	38%	99.5%	99.4%
SAU801760	BBU100250	52%	99.8%	99.6%
SAU801760	BCE103321	39%	98.9%	98.8%
SAU801760	BMA109061	39%	98.9%	93.5%
SAU801760	CJU101017	40%	100%	100%
SAU801760	CPN200606	50%	99.8%	99.9%
SAU801760	CTR200474	52%	99.8%	99.9%
SAU801760	CAC101070	48%	100%	100%
SAU801760	CBO100961	48%	99.9%	99.8%
SAU801760	CDF103555	48%	99.8%	99.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801760	CDP101454	45%	99.3%	97.2%
SAU801760	EBC100539	37%	53.0%	99.6%
SAU801760	EFA200538	72%	99.9%	99.9%
SAU801760	EFM200610	72%	99.9%	99.9%
SAU801760	ECO100632	42%	99.5%	99.3%
SAU801760	HIN100900	43%	99.8%	99.4%
SAU801760	HPY101524	40%	98.9%	99.1%
SAU801760	KPN300581	40%	13.9%	68.9%
SAU801760	KPN302684	42%	99.5%	99.5%
SAU801760	LPN103327	43%	99.5%	99.3%
SAU801760	LMO100611	69%	99.9%	99.9%
SAU801760	MCA102972	39%	99.6%	98.7%
SAU801760	MAV103767	44%	99.0%	94.3%
SAU801760	MBV104696	43%	99.0%	96.3%
SAU801760	MLP100028	43%	99.0%	96.5%
SAU801760	MTU200041	43%	99.0%	96.5%
SAU801760	MGE100272	44%	99.8%	99.7%
SAU801760	MPN100453	44%	99.8%	99.6%
SAU801760	NGO100059	41%	99.6%	99.3%
SAU801760	NME200518	39%	99.5%	99.5%
SAU801760	PMU101214	42%	99.8%	99.5%
SAU801760	PRT102887	42%	99.5%	99.3%
SAU801760	PAE203984	40%	99.6%	99.4%
SAU801760	PPU108817	41%	99.6%	99.4%
SAU801760	PSY105072	42%	99.6%	99.4%
SAU801760	SPA100430	46%	62.3%	97.8%
SAU801760	STY101466	42%	99.5%	99.3%
SAU801760	SAU801760	100%	100%	100%
SAU801760	SEP202121	87%	100%	100%
SAU801760	SHA100631	86%	100%	100%
SAU801760	SMU100492	65%	99.8%	99.6%
SAU801760	SPN400235	66%	99.8%	99.6%
SAU801760	SPY200128	65%	99.8%	99.6%
SAU801760	TPA100579	47%	99.8%	99.9%
SAU801760	UUR100373	53%	99.5%	99.8%
SAU801760	VCH100940	43%	99.6%	95.4%
SAU801760	YPS001199	41%	99.5%	99.3%
SAU801769	ABA104921	34%	93.6%	97.9%
SAU801769	BAN106809	47%	99.5%	99.2%
SAU801769	BAN107259	53%	99.5%	99.2%
SAU801769	BFR101499	44%	100%	98.3%
SAU801769	BPT100010	33%	91.6%	81.4%
SAU801769	BCE107847	38%	71.8%	76.5%
SAU801769	BCE114560	36%	89.6%	91.8%
SAU801769	BFU105494	36%	89.6%	92.3%
SAU801769	BMA104123	35%	89.6%	66.6%
SAU801769	CJU100533	36%	92.6%	98.2%
SAU801769	CPN200978	41%	99.0%	94.3%
SAU801769	CTR200104	44%	98.5%	92.5%
SAU801769	CAC101077	50%	99.7%	98.8%
SAU801769	CBO102459	53%	99.7%	98.5%
SAU801769	CDF101260	56%	99.5%	96.3%
SAU801769	CDP100293	42%	98.7%	90.4%
SAU801769	EBC103923	44%	50.1%	91.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801769	ECO102975	44%	50.9%	92.6%
SAU801769	HIN100202	44%	48.3%	86.6%
SAU801769	HPY100791	35%	94.1%	100%
SAU801769	KPN306827	43%	50.9%	92.6%
SAU801769	LPN102962	45%	72.0%	97.3%
SAU801769	MCA101128	33%	93.9%	99.7%
SAU801769	MAV100813	46%	99.2%	91.6%
SAU801769	MBV102147	45%	99.2%	94.4%
SAU801769	MLP100345	45%	99.2%	92.2%
SAU801769	MTU201396	45%	99.2%	94.4%
SAU801769	NGO101214	35%	91.3%	78.4%
SAU801769	NME201304	36%	91.3%	96.1%
SAU801769	PMU101385	43%	49.6%	91.6%
SAU801769	PRT102178	44%	50.6%	92.2%
SAU801769	PAE204051	34%	93.1%	98.6%
SAU801769	PPU110431	35%	93.6%	97.9%
SAU801769	PSY102199	35%	93.6%	99.2%
SAU801769	SPA102485	43%	50.6%	91.7%
SAU801769	STY100768	43%	50.9%	92.6%
SAU801769	STM101319	48%	47.1%	95.9%
SAU801769	SAU801769	100%	100%	100%
SAU801769	SEP202140	75%	100%	100%
SAU801769	SHA101040	73%	100%	100%
SAU801769	SPN400162	49%	100%	98.8%
SAU801769	VCH102235	39%	90.6%	96.2%
SAU801769	YPS001985	45%	49.4%	89.9%
SAU801770	ABA101512	38%	93.8%	90.0%
SAU801770	BAN111761	44%	90.5%	91.4%
SAU801770	BAN112258	46%	92.9%	91.1%
SAU801770	BFR10686	33%	91.9%	98.5%
SAU801770	BPT102166	33%	87.1%	80.3%
SAU801770	BCE102163	39%	92.4%	96.2%
SAU801770	BFU114695	39%	93.8%	100%
SAU801770	BMA105732	35%	93.8%	100%
SAU801770	CJU101143	30%	100%	99.0%
SAU801770	CPN200217	30%	89.0%	92%
SAU801770	CTR200675	31%	89.0%	91.9%
SAU801770	CAC101867	40%	92.4%	90.1%
SAU801770	CBO100822	37%	100%	94.3%
SAU801770	CDF101262	40%	95.7%	91.0%
SAU801770	CDP100296	38%	91.9%	98.0%
SAU801770	EBC101113	34%	88.6%	42.1%
SAU801770	ECO101632	35%	88.6%	42.3%
SAU801770	HIN101580	33%	91.9%	97.5%
SAU801770	HPY101551	37%	93.8%	91.3%
SAU801770	KPN300802	34%	88.6%	63.8%
SAU801770	LPN103102	36%	91.9%	94.1%
SAU801770	MCA101660	35%	100%	99.1%
SAU801770	MAV100811	39%	92.9%	100%
SAU801770	MBV102153	41%	91.9%	98.0%
SAU801770	MLP100344	40%	91.9%	95.2%
SAU801770	MTU201393	41%	91.9%	98.0%
SAU801770	NGO100198	29%	87.1%	71.4%
SAU801770	NME201294	29%	87.1%	84.1%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801770	PMU100650	31%	87.1%	90.7%
SAU801770	PRT102318	37%	87.1%	84.9%
SAU801770	PAE204052	37%	93.8%	90.4%
SAU801770	PPU104479	36%	93.8%	89.6%
SAU801770	PSY102201	37%	93.8%	90%
SAU801770	SPA100334	33%	39.5%	75%
SAU801770	STY100625	32%	88.6%	42.3%
SAU801770	STM104015	32%	88.6%	42.3%
SAU801770	SAU801770	100%	100%	100%
SAU801770	SEP202141	77%	100%	100%
SAU801770	SHA101041	68%	100%	100%
SAU801770	SPN400163	46%	100%	100%
SAU801770	VCH102236	38%	94.3%	91.7%
SAU801770	YPS002958	34%	88.6%	41.3%
SAU801771	ABA103798	36%	98.0%	98.0%
SAU801771	BAN112131	35%	98.0%	97.0%
SAU801771	BAN106315	40%	98.0%	94.9%
SAU801771	BFR10090	31%	87.3%	89.3%
SAU801771	BPT102814	33%	97.4%	90.9%
SAU801771	BCE111009	34%	89.0%	89.3%
SAU801771	BFU111851	34%	97.4%	87.1%
SAU801771	BMA106009	33%	89.0%	85.5%
SAU801771	CJU101528	27%	68.9%	77.4%
SAU801771	CPN200979	31%	97.7%	93.6%
SAU801771	CTR200103	29%	97.4%	88.4%
SAU801771	CAC102186	31%	94.2%	90.9%
SAU801771	CBO103939	32%	97.1%	93.1%
SAU801771	CDF101264	30%	97.1%	94.6%
SAU801771	CDP100306	32%	85.9%	78.1%
SAU801771	EBC101279	34%	87.3%	87.7%
SAU801771	EFM102196	24%	37.8%	100%
SAU801771	ECO100406	36%	87.3%	87.7%
SAU801771	HIN100923	34%	99.1%	96.8%
SAU801771	HPY101484	24%	56.2%	65.4%
SAU801771	KPN303443	35%	87.9%	88.3%
SAU801771	LPN101462	28%	91.9%	91.3%
SAU801771	MCA103171	30%	98.6%	95.7%
SAU801771	MAV100828	33%	87.3%	84.8%
SAU801771	MBV102159	35%	88.5%	86.4%
SAU801771	MLP100341	33%	87.3%	85.3%
SAU801771	MTU201390	34%	88.5%	86.4%
SAU801771	NGO101603	34%	98.6%	96.2%
SAU801771	NME200596	33%	98.6%	96.2%
SAU801771	PMU100749	36%	87.3%	85.4%
SAU801771	PRT100794	48%	33.1%	76.5%
SAU801771	PAE204053	35%	87.9%	87.1%
SAU801771	PPU104478	33%	87.9%	85.4%
SAU801771	PSY102203	35%	87.9%	86.0%
SAU801771	SPA103220	32%	87.3%	87.7%
SAU801771	STY100425	33%	87.3%	87.7%
SAU801771	STM100096	33%	87.3%	87.7%
SAU801771	SAU801771	100%	100%	100%
SAU801771	SEP202142	65%	100%	100%
SAU801771	SHA101042	62%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801771	SPN400164	34%	89.3%	88.0%
SAU801771	VCH102237	33%	99.4%	96.7%
SAU801771	YPS002513	34%	99.1%	98.1%
SAU801781	BAN102026	30%	83.5%	90.4%
SAU801781	BAN100029	32%	83.5%	87.9%
SAU801781	BFR102578	30%	84.0%	89.0%
SAU801781	BCE112831	23%	91.1%	72.6%
SAU801781	CAC102703	34%	84.8%	89.3%
SAU801781	CBO102369	59%	98.7%	96.7%
SAU801781	CDF102721	32%	96.2%	98.6%
SAU801781	CDP100260	26%	48.5%	41.4%
SAU801781	EBC104147	23%	84.8%	88.2%
SAU801781	EFA200734	28%	83.5%	85.3%
SAU801781	EFM202614	23%	94.1%	91.3%
SAU801781	ECO103852	25%	84.8%	88.2%
SAU801781	KPN303236	26%	84.8%	88.2%
SAU801781	LMO102295	33%	94.1%	95.4%
SAU801781	PRT102648	24%	84.8%	88.2%
SAU801781	SPA101828	25%	84.8%	88.2%
SAU801781	STY102761	25%	84.8%	88.2%
SAU801781	STM100053	27%	60.3%	53.9%
SAU801781	SAU801781	100%	100%	100%
SAU801781	SEP202149	88%	100%	100%
SAU801781	SHA101204	94%	100%	100%
SAU801781	SMU101539	26%	87.8%	91.0%
SAU801781	SPN400233	24%	83.1%	86.5%
SAU801781	SPY201499	53%	99.2%	96.3%
SAU801781	YPS000933	28%	84.4%	87.3%
SAU801788	BAN109240	49%	97.1%	96.4%
SAU801788	BAN109986	53%	97.5%	96.1%
SAU801788	BAN101451	53%	97.5%	96.1%
SAU801788	BAN108570	55%	97.1%	95.7%
SAU801788	BPT100139	47%	97.5%	86.9%
SAU801788	BFU106841	30%	91.3%	90.7%
SAU801788	BMA101899	29%	93.9%	93.2%
SAU801788	CBO103560	46%	95.7%	86%
SAU801788	CDP100048	39%	98.6%	94.1%
SAU801788	EFA201398	48%	99.3%	98.2%
SAU801788	EFM100053	44%	32.5%	96.8%
SAU801788	LMO102538	49%	96.8%	95.6%
SAU801788	MAV101886	40%	97.1%	95.0%
SAU801788	MBV105140	43%	98.6%	95.0%
SAU801788	MLP101019	40%	98.6%	95.0%
SAU801788	MTU202933	43%	98.6%	95.0%
SAU801788	PSY101323	30%	91.0%	91.9%
SAU801788	SAU801788	100%	100%	100%
SAU801788	SEP202180	72%	100%	99.6%
SAU801788	SHA101201	74%	100%	99.6%
SAU801788	YPS002012	43%	97.1%	95.3%
SAU801790	ABA100383	61%	97.7%	97.9%
SAU801790	BAN108106	75%	99.0%	99.0%
SAU801790	BFR103242	50%	97.7%	98.6%
SAU801790	BPT100493	60%	98.7%	99.2%
SAU801790	BBU100375	51%	97.7%	96.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801790	BCE104520	60%	98.5%	99.2%
SAU801790	BFU106887	60%	98.5%	93.6%
SAU801790	BMA102515	60%	98.5%	97.0%
SAU801790	CJU101022	41%	97.2%	98.7%
SAU801790	CAC100015	69%	97.7%	99.0%
SAU801790	CDF101475	69%	98.5%	99.0%
SAU801790	CDP100317	57%	98.2%	97.1%
SAU801790	EBC106045	63%	96.5%	98.4%
SAU801790	EFA200562	72%	98.5%	98.7%
SAU801790	EFM102997	76%	12.8%	91.1%
SAU801790	ECO102877	62%	98.2%	98.4%
SAU801790	HIN101146	61%	97.7%	97.9%
SAU801790	HPY100194	58%	97.2%	97.4%
SAU801790	KPN303051	63%	98.2%	98.4%
SAU801790	LPN103398	58%	99.2%	100%
SAU801790	LMO101989	70%	99.5%	99.5%
SAU801790	MCA100501	58%	98.7%	99.7%
SAU801790	MAV103344	58%	99.5%	100%
SAU801790	MBV103088	57%	98.2%	98.0%
SAU801790	MLP100335	57%	99.5%	100%
SAU801790	MTU201374	57%	99.5%	100%
SAU801790	MGE100047	38%	98.0%	96.1%
SAU801790	MPN100094	39%	98.0%	96.1%
SAU801790	NGO101704	62%	97.7%	98.2%
SAU801790	NME200613	62%	97.7%	98.2%
SAU801790	PMU101027	61%	98.5%	98.7%
SAU801790	PRT101183	61%	97.7%	97.9%
SAU801790	PAE200545	57%	97.7%	98.0%
SAU801790	PPU109309	57%	97.7%	98.0%
SAU801790	PSY103013	57%	97.7%	98.0%
SAU801790	SPA102476	63%	97.5%	98.2%
SAU801790	STY104545	63%	98.2%	98.4%
SAU801790	STM100571	63%	98.2%	98.4%
SAU801790	SAU801790	100%	100%	100%
SAU801790	SEP202182	88%	99.7%	99.5%
SAU801790	SHA101199	90%	99.7%	99.7%
SAU801790	SMU101066	66%	99.5%	99.7%
SAU801790	SPN400671	66%	99.5%	100%
SAU801790	SPY201042	65%	99.5%	99.2%
SAU801790	TPA100786	53%	98.0%	96.5%
SAU801790	UUR100416	48%	99.0%	98.7%
SAU801790	VCH100467	61%	98.0%	97.9%
SAU801790	YPS000215	61%	98.2%	98.4%
SAU801791	BAN102885	63%	97.2%	97.5%
SAU801791	BFR105535	50%	90%	89.7%
SAU801791	CJU100862	54%	91.7%	92.6%
SAU801791	EBC103850	52%	91.3%	90.4%
SAU801791	ECO103326	52%	91.7%	91.3%
SAU801791	HIN100789	49%	90.9%	89.8%
SAU801791	KPN309152	51%	92.5%	92.0%
SAU801791	PMU101542	52%	90%	88.8%
SAU801791	PRT103276	68%	11.9%	98.5%
SAU801791	PRT102605	52%	90%	88.9%
SAU801791	PAE205187	46%	92.6%	95.3%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801791	PPU109983	46%	92.6%	96.6%
SAU801791	PSY103061	49%	93.2%	95.9%
SAU801791	SPA102215	50%	54.2%	87.2%
SAU801791	STY101369	53%	89.8%	88.7%
SAU801791	STM102905	53%	89.8%	88.7%
SAU801791	SAU801791	100%	100%	100%
SAU801791	SEP202183	83%	100%	93.1%
SAU801791	SHA100255	86%	100%	100%
SAU801791	SMU101955	23%	77.2%	72.9%
SAU801791	SPY100767	22%	22.8%	45.4%
SAU801791	VCH102699	49%	96.4%	94.3%
SAU801791	YPS001562	52%	89.8%	88.7%
SAU801800	CBO103265	28%	37.5%	71.5%
SAU801800	CBO101981	35%	22.7%	48.1%
SAU801800	EFM200873	31%	39.6%	69.1%
SAU801800	MBV105157	30%	19.9%	30.3%
SAU801800	MTU408706	30%	19.9%	30.3%
SAU801800	NME301036	20%	62.2%	47.3%
SAU801800	SAU801800	100%	100%	100%
SAU801800	SEP202377	32%	50.2%	83.4%
SAU801800	SHA103321	32%	51.4%	83.4%
SAU801801	CBO102312	27%	40.9%	41.3%
SAU801801	PRT103680	26%	42.3%	26.6%
SAU801801	SAU801801	100%	100%	100%
SAU801801	SEP201425	42%	80.8%	98.9%
SAU801812	BFR103731	35%	22.9%	7.8%
SAU801812	BFU106944	27%	75.8%	16.1%
SAU801812	EFA200509	27%	65.8%	59.2%
SAU801812	MBV105595	24%	61.2%	43.4%
SAU801812	MTU201032	24%	61.2%	43.4%
SAU801812	MPN100256	34%	37.1%	21.3%
SAU801812	SAU801813	48%	100%	100%
SAU801812	SAU801809	54%	100%	100%
SAU801812	SAU801810	54%	100%	100%
SAU801812	SAU801811	61%	100%	100%
SAU801812	SAU801812	100%	100%	100%
SAU801812	SEP200474	32%	75.8%	63.1%
SAU801812	SHA103193	24%	61.7%	33.5%
SAU801812	SPN201991	23%	86.7%	9.6%
SAU801812	UUR100028	55%	14.2%	3.9%
SAU801819	BAN101272	26%	93.4%	100%
SAU801819	BAN107130	26%	94.3%	100%
SAU801819	BCE101717	24%	22.6%	25.3%
SAU801819	MGE100328	24%	66.3%	19.4%
SAU801819	SAU801163	30%	92.5%	98.1%
SAU801819	SAU801820	32%	84.9%	89.1%
SAU801819	SAU802419	33%	84.9%	89.0%
SAU801819	SAU802005	29%	95.2%	96.3%
SAU801819	SAU802420	29%	95.5%	99.4%
SAU801819	SAU802004	39%	94.3%	95.6%
SAU801819	SAU802421	76%	95.8%	97.8%
SAU801819	SAU801819	100%	100%	100%
SAU801831	ABA105109	31%	98.9%	85.5%
SAU801831	LPN100617	23%	94.0%	90.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801831	PRT100970	29%	94.0%	91.7%
SAU801831	PSY105329	26%	47.3%	52.5%
SAU801831	SAU801831	100%	100%	100%
SAU801831	SEP202203	69%	100%	100%
SAU801831	SHA100944	57%	100%	100%
SAU801842	BAN105878	50%	95.8%	95.9%
SAU801842	BAN106784	50%	98.4%	98.1%
SAU801842	BFU105060	27%	40.6%	63.4%
SAU801842	CAC102817	36%	98.1%	96.3%
SAU801842	CBO103612	27%	93.3%	94.3%
SAU801842	EFA201160	42%	99.0%	99.4%
SAU801842	EFM201438	44%	99.7%	100%
SAU801842	LMO101135	55%	95.8%	95.8%
SAU801842	SAU801842	100%	100%	100%
SAU801842	SEP202225	82%	100%	100%
SAU801842	SHA100193	81%	100%	100%
SAU801842	SMU100680	42%	99.4%	96.9%
SAU801842	SPN401792	43%	98.1%	92.5%
SAU801842	SPY200197	44%	97.8%	98.7%
SAU801843	BAN110707	25%	18.4%	25%
SAU801843	BAN101656	20%	73.8%	95.8%
SAU801843	BCE102515	25%	14.7%	44.6%
SAU801843	EBC105222	20%	31.0%	79.7%
SAU801843	EFA201162	22%	97.5%	97.2%
SAU801843	EFM202044	24%	99.7%	99.2%
SAU801843	LMO101860	28%	97.6%	98.2%
SAU801843	PMU100358	22%	37.4%	32.4%
SAU801843	SAU801843	100%	100%	100%
SAU801843	SEP202243	69%	100%	99.7%
SAU801843	SHA101351	56%	63.4%	91.0%
SAU801844	BAN112727	33%	72.9%	98.0%
SAU801844	BAN108010	34%	99.5%	94.4%
SAU801844	BCE105254	28%	83.7%	82.4%
SAU801844	BFU106002	24%	26.4%	25.5%
SAU801844	CTR100444	26%	23.4%	33.8%
SAU801844	CDP101084	24%	59.0%	62.5%
SAU801844	EFA201164	35%	57.8%	56.2%
SAU801844	EFM200739	28%	99.5%	99.5%
SAU801844	LMO101049	34%	96.0%	95.4%
SAU801844	MAV100736	23%	47.2%	50.7%
SAU801844	MLP100687	23%	47.2%	50.7%
SAU801844	MTU201260	24%	55.5%	53.5%
SAU801844	SAU801844	100%	100%	100%
SAU801844	SEP202229	79%	100%	100%
SAU801844	SHA100337	72%	96.5%	98.5%
SAU801864	BAN106235	40%	98.6%	99.5%
SAU801864	BAN106367	70%	99.8%	99.1%
SAU801864	LMO102085	67%	99.8%	99.1%
SAU801864	SAU801864	100%	100%	100%
SAU801864	SEP200493	90%	100%	100%
SAU801864	SHA100850	90%	100%	100%
SAU801885	BAN105284	41%	53.6%	61.1%
SAU801885	BAN109052	39%	95.1%	95.7%
SAU801885	BFR101331	53%	8.1%	29.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801885	BFR101263	30%	56.5%	47.4%
SAU801885	CAC100128	25%	78.1%	64.6%
SAU801885	CBO100759	26%	62.2%	57.1%
SAU801885	CDF103262	22%	91.6%	76.6%
SAU801885	CDP100733	28%	57.6%	46.7%
SAU801885	EFA200214	35%	98.0%	97.3%
SAU801885	EFM100401	38%	84.1%	98.1%
SAU801885	HIN100254	25%	79.8%	52.4%
SAU801885	KPN101258	30%	49.6%	80.6%
SAU801885	LMO101432	40%	88.2%	88.1%
SAU801885	MCA103333	24%	76.9%	41.2%
SAU801885	MAV102966	29%	55.6%	23.1%
SAU801885	PRT102089	27%	58.8%	34.0%
SAU801885	PSY102913	34%	57.1%	51.8%
SAU801885	SPA103134	26%	55.6%	32.8%
SAU801885	STM101354	28%	58.2%	36.6%
SAU801885	SAU801885	100%	100%	100%
SAU801885	SEP200524	92%	99.1%	98.9%
SAU801885	SHA102846	88%	100%	100%
SAU801885	SMU101513	36%	66.6%	71.0%
SAU801885	SPN400343	32%	94.8%	97.0%
SAU801885	SPY201249	30%	95.7%	97.0%
SAU801885	YPS002615	25%	55.9%	33.2%
SAU801891	BFR103387	25%	79.0%	39.9%
SAU801891	BCE102350	26%	42.0%	21.8%
SAU801891	BFU101626	25%	56.4%	27.9%
SAU801891	BMA107339	28%	45.7%	23.2%
SAU801891	CAC100871	44%	97.9%	99.6%
SAU801891	CBO102328	46%	97.1%	98.0%
SAU801891	CDF103937	25%	84.0%	45.0%
SAU801891	CDP101577	35%	85.2%	90%
SAU801891	EFA201623	39%	86.0%	92.6%
SAU801891	EFM202615	40%	86.4%	92.2%
SAU801891	KPN305163	24%	75.7%	40.4%
SAU801891	LMO102346	29%	72.4%	35.6%
SAU801891	MAV103150	35%	81.1%	85.1%
SAU801891	MBV105752	35%	87.2%	92.6%
SAU801891	MLP101386	33%	87.2%	93.0%
SAU801891	MTU203659	35%	87.2%	92.6%
SAU801891	PAE201276	30%	41.2%	21.0%
SAU801891	PPU104541	31%	40.3%	20.9%
SAU801891	PSY104520	26%	56.4%	28.8%
SAU801891	SPA101593	25%	63.4%	32.7%
SAU801891	STY102862	25%	63.4%	32.6%
SAU801891	SAU801891	100%	100%	100%
SAU801891	SEP200530	86%	99.2%	100%
SAU801891	SHA100327	87%	65.0%	100%
SAU801891	SMU100316	37%	86.8%	82.1%
SAU801891	SPN401443	39%	86.4%	82.3%
SAU801891	SPY200781	42%	86.8%	81.7%
SAU801891	VCH103448	26%	59.7%	31.0%
SAU801892	CAC103089	37%	83.5%	85.3%
SAU801892	CBO103928	33%	88.3%	87.0%
SAU801892	CDP101579	27%	89.9%	90.9%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801892	EFA201624	35%	88.8%	88.2%
SAU801892	EFM201524	33%	90.6%	91.1%
SAU801892	MAV103153	28%	95.7%	95.9%
SAU801892	MBV103349	24%	70.3%	99.3%
SAU801892	MLP101385	28%	98.4%	98.8%
SAU801892	MTU203658	28%	95.7%	95.9%
SAU801892	SAU801892	100%	100%	100%
SAU801892	SEP200540	84%	100%	100%
SAU801892	SHA100326	86%	91.5%	100%
SAU801892	SMU100305	38%	83.1%	82.3%
SAU801892	SPN401442	35%	92.9%	92.4%
SAU801892	SPY200782	35%	88.1%	87.4%
SAU801898	ABA102906	25%	93.0%	97.1%
SAU801898	BAN101717	37%	83.5%	87.6%
SAU801898	BAN104028	51%	93.3%	97.7%
SAU801898	BFR103264	21%	87.6%	91.6%
SAU801898	BPT102594	36%	33.7%	35.2%
SAU801898	CAC101539	32%	93.3%	99.3%
SAU801898	CBO100610	29%	91.4%	97.6%
SAU801898	CDF100046	31%	91.7%	97.0%
SAU801898	CDP100495	27%	93.7%	91.4%
SAU801898	EBC101306	32%	82.9%	87.0%
SAU801898	EFA201025	50%	95.6%	84.8%
SAU801898	EFM201626	34%	92.7%	99.7%
SAU801898	ECO102045	31%	82.9%	87.0%
SAU801898	KPN304484	30%	82.9%	86.6%
SAU801898	LPN102533	27%	87.6%	94.8%
SAU801898	LMO101117	54%	94.0%	95.8%
SAU801898	MAV101449	25%	86.0%	88.4%
SAU801898	MBV102765	22%	90.5%	93.2%
SAU801898	MTU202218	22%	90.5%	93.2%
SAU801898	PRT102330	32%	82.9%	87.5%
SAU801898	PAE203021	29%	82.5%	85.1%
SAU801898	PPU103228	26%	82.5%	85.8%
SAU801898	PSY100248	33%	40.3%	92.6%
SAU801898	PSY102861	27%	86.3%	87.2%
SAU801898	SPA100769	27%	82.9%	86.9%
SAU801898	STM103922	29%	82.9%	87.0%
SAU801898	SAU801898	100%	100%	100%
SAU801898	SEP200546	89%	98.4%	98.1%
SAU801898	SHA101107	86%	100%	95.5%
SAU801898	SMU101024	46%	96.8%	90.2%
SAU801898	SPN400947	33%	92.4%	92.6%
SAU801898	SPY200551	45%	99.0%	93.2%
SAU801898	YPS003168	33%	82.9%	87.8%
SAU801899	ABA101192	49%	98.5%	96.9%
SAU801899	BAN113289	55%	98.1%	98.1%
SAU801899	BAN103118	77%	100%	100%
SAU801899	BPT102505	47%	99.4%	99.8%
SAU801899	BBU100340	41%	99.4%	99.4%
SAU801899	BCE113424	47%	74.7%	94.3%
SAU801899	BFU106894	45%	98.9%	98.4%
SAU801899	BMA107258	47%	98.9%	99.2%
SAU801899	CJU101122	48%	98.9%	99.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801899	CPN200756	42%	99.4%	98.4%
SAU801899	CTR200267	41%	98.1%	97.1%
SAU801899	CAC103172	51%	100%	100%
SAU801899	CBO100777	53%	99.8%	99.8%
SAU801899	CDF102772	25%	25.5%	84%
SAU801899	CDP100169	44%	98.9%	96.4%
SAU801899	EFA201028	72%	100%	100%
SAU801899	EFM100482	77%	22.9%	100%
SAU801899	HPY100650	46%	99.4%	99.6%
SAU801899	LPN102938	40%	99.4%	99.8%
SAU801899	LMO100253	75%	100%	100%
SAU801899	MCA100584	46%	98.5%	97.1%
SAU801899	MAV106350	42%	98.1%	95.0%
SAU801899	MBV101310	42%	98.1%	93.9%
SAU801899	MLP101041	40%	98.1%	93.9%
SAU801899	MTU202971	42%	98.1%	93.9%
SAU801899	MGE100102	36%	97.7%	96.4%
SAU801899	MPN100593	38%	97.7%	96.2%
SAU801899	NGO101113	46%	99.4%	99.8%
SAU801899	NME201429	46%	99.4%	99.8%
SAU801899	PAE204482	48%	99.6%	99.8%
SAU801899	PPU103969	48%	99.6%	99.8%
SAU801899	PSY104801	48%	99.6%	95.0%
SAU801899	SAU801899	100%	100%	100%
SAU801899	SEP200547	92%	100%	100%
SAU801899	SHA101106	93%	100%	100%
SAU801899	SMU101137	64%	99.8%	99.4%
SAU801899	SPN400393	63%	99.8%	99.2%
SAU801899	SPY201364	63%	99.8%	99.4%
SAU801899	TPA101011	37%	99.4%	94.9%
SAU801899	UUR100550	36%	99.6%	99.6%
SAU801899	VCH100444	27%	25.1%	20.9%
SAU801900	ABA101195	47%	97.5%	96.3%
SAU801900	BAN102336	47%	96.3%	96.8%
SAU801900	BAN100349	61%	98.8%	98.8%
SAU801900	BFR100886	24%	18.6%	27.2%
SAU801900	BPT102507	47%	90.7%	89.8%
SAU801900	BBU100341	39%	91.8%	89.7%
SAU801900	BCE103922	49%	90.7%	91.3%
SAU801900	BFU106893	49%	91.8%	92.3%
SAU801900	BMA103667	49%	90.7%	91.3%
SAU801900	CJU100987	46%	89.7%	98.5%
SAU801900	CPN200757	44%	99.2%	97.2%
SAU801900	CTR200266	44%	98.8%	97.1%
SAU801900	CAC100524	54%	97.9%	99.8%
SAU801900	CBO102412	49%	98.8%	98.8%
SAU801900	CDP100148	46%	96.3%	96.4%
SAU801900	EBC101332	32%	93.0%	92.3%
SAU801900	EFA201041	61%	97.7%	96.5%
SAU801900	EFM202258	24%	95.9%	96.7%
SAU801900	HPY100817	48%	92.4%	96.7%
SAU801900	KPN302436	31%	97.5%	97.0%
SAU801900	LPN101348	50%	91.8%	91.9%
SAU801900	LMO101334	62%	97.5%	97.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801900	MCA100258	47%	98.4%	97.8%
SAU801900	MAV101410	48%	95.5%	95.7%
SAU801900	MBV100289	47%	95.5%	95.7%
SAU801900	MLP101043	47%	95.5%	95.0%
SAU801900	MTU202973	47%	95.5%	95.7%
SAU801900	MGE100101	32%	97.1%	99.4%
SAU801900	MPN100594	33%	88.5%	91.6%
SAU801900	NGO101120	46%	96.3%	96.9%
SAU801900	NME201427	47%	96.1%	96.7%
SAU801900	PRT104598	24%	28.9%	44.3%
SAU801900	PAE204481	50%	95.9%	95.9%
SAU801900	PPU101392	48%	95.9%	96.1%
SAU801900	PSY105880	47%	95.9%	96.1%
SAU801900	SAU801900	100%	100%	100%
SAU801900	SEP200550	90%	100%	100%
SAU801900	SHA100413	89%	77.9%	98.4%
SAU801900	SMU101138	56%	98.8%	97.7%
SAU801900	SPN400394	56%	98.8%	97.7%
SAU801900	SPY201365	56%	98.8%	97.7%
SAU801900	TPA101010	46%	83.1%	81.6%
SAU801900	UUR100551	32%	94.0%	95.2%
SAU801900	YPS002788	31%	93.0%	92.3%
SAU801901	ABA101198	33%	89%	85.6%
SAU801901	BAN111216	40%	88%	94.6%
SAU801901	BAN108238	44%	95%	99.0%
SAU801901	BPT102508	35%	92%	97.1%
SAU801901	BCE104390	28%	92%	97.0%
SAU801901	BFU106892	28%	92%	86.5%
SAU801901	BMA103771	27%	92%	97.0%
SAU801901	CPN200758	28%	90%	92.1%
SAU801901	CTR200265	25%	92%	94%
SAU801901	CAC100906	30%	93%	93.9%
SAU801901	CBO103651	29%	93%	93.9%
SAU801901	CDP100146	32%	99%	100%
SAU801901	EFA201044	38%	97%	89.8%
SAU801901	EFM100480	39%	97%	96.0%
SAU801901	LPN103589	25%	95%	96.9%
SAU801901	LMO100749	46%	97%	100%
SAU801901	MCA100257	27%	92%	96.8%
SAU801901	MAV101412	38%	98%	100%
SAU801901	MBV101316	34%	98%	81.7%
SAU801901	MLP101044	35%	97%	98.0%
SAU801901	MTU202974	35%	98%	99.0%
SAU801901	NGO101123	29%	94%	97.9%
SAU801901	NME201426	27%	94%	97.9%
SAU801901	PAE204480	34%	90%	93.8%
SAU801901	PPU103938	34%	90%	94.7%
SAU801901	PSY108279	33%	90%	94.7%
SAU801901	SAU801901	100%	100%	100%
SAU801901	SEP200560	95%	100%	100%
SAU801901	SHA100412	90%	100%	100%
SAU801901	SMU101140	44%	95%	95%
SAU801901	SPN400395	41%	95%	95%
SAU801901	SPY201366	40%	95%	95%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801904	ABA100577	42%	97.9%	96.5%
SAU801904	BAN102650	47%	98.7%	100%
SAU801904	BAN110615	60%	98.7%	98.8%
SAU801904	BFR102809	40%	98.4%	99.1%
SAU801904	BPT100689	44%	96.1%	96.1%
SAU801904	BBU100551	33%	97.3%	97.7%
SAU801904	BCE104345	46%	97.5%	96.2%
SAU801904	BFU101944	46%	96.1%	94.9%
SAU801904	BMA104881	46%	96.1%	94.9%
SAU801904	CJU100547	35%	96.7%	97.4%
SAU801904	CPN200612	41%	96.9%	96.8%
SAU801904	CTR200416	38%	97.5%	97.6%
SAU801904	CAC101086	38%	97.6%	98.3%
SAU801904	CAC101820	38%	98.8%	98.7%
SAU801904	CBO101063	39%	98.2%	98.8%
SAU801904	CDF103325	49%	98.5%	96.9%
SAU801904	CDP100142	37%	98.5%	97.9%
SAU801904	EBC101052	43%	98.8%	99.6%
SAU801904	EFA201047	56%	98.4%	96.5%
SAU801904	EFM100886	58%	30.6%	95.8%
SAU801904	ECO102362	44%	98.8%	99.3%
SAU801904	HIN101074	45%	98.8%	97.9%
SAU801904	HPY100608	40%	97.8%	97.9%
SAU801904	KPN300317	41%	20.7%	81.8%
SAU801904	KPN301038	44%	98.8%	99.3%
SAU801904	LPN101707	40%	98.4%	98.5%
SAU801904	LMO102553	60%	99.0%	98.5%
SAU801904	MCA101464	42%	98.1%	95.2%
SAU801904	MAV101428	38%	97.3%	95.4%
SAU801904	MBV102830	38%	97.2%	95.5%
SAU801904	MLP101046	38%	97.3%	95.2%
SAU801904	MTU202976	38%	97.2%	95.5%
SAU801904	MGE100258	36%	98.2%	99.4%
SAU801904	MPN100479	37%	97.5%	98.8%
SAU801904	NGO100904	43%	98.8%	99.5%
SAU801904	NME200800	44%	98.2%	96.4%
SAU801904	PMU101716	43%	97.8%	97.8%
SAU801904	PRT102270	45%	98.5%	98.5%
SAU801904	PAE201528	42%	97.6%	97.4%
SAU801904	PPU107257	44%	98.1%	98.2%
SAU801904	PSY103902	43%	85.2%	94.1%
SAU801904	SPA103528	42%	98.8%	99.4%
SAU801904	STY101179	43%	98.8%	99.3%
SAU801904	SAU801904	100%	100%	100%
SAU801904	SEP200563	82%	99.4%	99.7%
SAU801904	SHA100321	83%	97.8%	100%
SAU801904	SMU101026	51%	97.8%	99.1%
SAU801904	SPN401024	51%	97.8%	99.1%
SAU801904	SPY200550	51%	97.8%	99.1%
SAU801904	TPA100627	27%	98.7%	77.5%
SAU801904	UUR100120	41%	99.4%	99.7%
SAU801904	VCH100955	43%	99.0%	99.6%
SAU801904	YPS000606	43%	98.8%	99.3%
SAU801905	ABA100705	40%	87.0%	94.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801905	BAN105739	39%	99.2%	99.5%
SAU801905	BAN105118	58%	99.3%	98.7%
SAU801905	BFR10181	43%	91.2%	95.7%
SAU801905	BPT100444	37%	99.0%	96.3%
SAU801905	BBU100606	38%	87.1%	97.1%
SAU801905	BCE114095	37%	86.6%	100%
SAU801905	BFU114667	35%	99.9%	100%
SAU801905	BMA108211	34%	99.9%	100%
SAU801905	CJU101027	36%	96.8%	97.4%
SAU801905	CPN201081	40%	87.0%	98.9%
SAU801905	CTR200887	40%	87.3%	99.5%
SAU801905	CAC100746	44%	98.5%	98.9%
SAU801905	CBO101783	48%	99.0%	99.5%
SAU801905	CDF102800	43%	99.2%	98.7%
SAU801905	CDP100108	42%	99.2%	94.4%
SAU801905	EBC102904	39%	86.2%	94.6%
SAU801905	EFA201050	57%	99.5%	99.3%
SAU801905	EFM200737	25%	86.0%	88.9%
SAU801905	ECO103725	39%	99.0%	99.0%
SAU801905	HIN101161	40%	99.6%	99.3%
SAU801905	HPY101457	33%	95.5%	94.6%
SAU801905	KPN303539	39%	99.0%	98.8%
SAU801905	LPN100488	37%	89.3%	98.2%
SAU801905	LMO100030	60%	99.6%	99.9%
SAU801905	MCA101054	37%	87.3%	93.8%
SAU801905	MAV107704	43%	99.2%	97.8%
SAU801905	MBV101967	43%	99.2%	97.5%
SAU801905	MLP100111	41%	99.6%	98.2%
SAU801905	MTU200940	43%	99.2%	97.5%
SAU801905	MGE100248	28%	94.9%	96.0%
SAU801905	MPN100496	33%	92.3%	95.7%
SAU801905	MPN100495	29%	94.8%	94.8%
SAU801905	NGO100682	37%	99.0%	98.5%
SAU801905	NME200026	37%	99.0%	98.5%
SAU801905	PMU100411	39%	99.6%	99.4%
SAU801905	PRT102802	38%	99.0%	99.3%
SAU801905	PAE205438	38%	99.5%	99.2%
SAU801905	PPU102313	38%	99.5%	99.0%
SAU801905	PSY103224	37%	94.5%	99.6%
SAU801905	SPA103752	39%	86.2%	93.9%
SAU801905	STY102029	39%	99.0%	99.0%
SAU801905	STM101095	39%	99.0%	99.0%
SAU801905	SAU801905	100%	100%	100%
SAU801905	SEP200564	89%	100%	99.9%
SAU801905	SHA100319	87%	98.5%	100%
SAU801905	SMU100987	52%	99.7%	100%
SAU801905	SPN400995	53%	99.7%	99.9%
SAU801905	SPY200975	52%	99.7%	100%
SAU801905	TPA100101	41%	87.7%	96.7%
SAU801905	UUR100506	37%	97.7%	97.4%
SAU801905	VCH100188	40%	99.2%	99.0%
SAU801905	YPS001400	39%	99.0%	99.0%
SAU801908	ABA105090	26%	98.4%	97.1%
SAU801908	BAN108908	61%	99.1%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801908	BAN107339	72%	99.8%	99.3%
SAU801908	BFR11423	26%	67.7%	67.9%
SAU801908	BPT102211	25%	70.3%	66.0%
SAU801908	BCE106246	32%	52.4%	62.8%
SAU801908	BFU107381	27%	96.1%	89.5%
SAU801908	BMA109025	28%	95.8%	90.5%
SAU801908	CJU100023	48%	99.1%	99.3%
SAU801908	CAC101025	28%	95.4%	89.7%
SAU801908	CBO102979	27%	95.8%	89.9%
SAU801908	CDF100139	26%	16.9%	81.5%
SAU801908	CDF100863	28%	97.4%	90.6%
SAU801908	CDP100537	24%	95.8%	89.1%
SAU801908	EBC102864	25%	76.3%	73.7%
SAU801908	EFA200867	70%	99.8%	99.8%
SAU801908	EFM201242	68%	99.8%	99.8%
SAU801908	ECO101104	27%	74.0%	71.5%
SAU801908	HIN100620	24%	79.6%	76.8%
SAU801908	HPY101095	46%	99.1%	99.3%
SAU801908	KPN304553	30%	94.0%	93.4%
SAU801908	LPN100438	25%	68.7%	67.1%
SAU801908	LMO102395	72%	99.8%	100%
SAU801908	MCA100711	26%	81.9%	78.8%
SAU801908	MAV104228	27%	87.5%	81.6%
SAU801908	MBV105328	27%	87.5%	82.0%
SAU801908	MLP101330	28%	87.5%	82.0%
SAU801908	MTU200771	27%	87.5%	82.0%
SAU801908	NGO101832	26%	80.5%	80.7%
SAU801908	NME202038	24%	90.3%	90.1%
SAU801908	PMU101851	27%	85.8%	81.3%
SAU801908	PRT104726	25%	95.8%	91.7%
SAU801908	PRT105429	33%	97.4%	94.3%
SAU801908	PAE203514	29%	98.1%	88.6%
SAU801908	PAE203515	32%	95.1%	87.2%
SAU801908	PPU101118	29%	98.4%	96%
SAU801908	PSY102568	29%	87.0%	95.1%
SAU801908	SPA104234	26%	68.7%	65.0%
SAU801908	STY102567	26%	74.0%	71.5%
SAU801908	SAU801908	100%	100%	100%
SAU801908	SEP200567	92%	100%	100%
SAU801908	SHA100373	93%	99.8%	99.8%
SAU801908	SMU101297	66%	99.8%	99.5%
SAU801908	SPN400056	66%	99.8%	99.5%
SAU801908	SPY200028	66%	99.8%	100%
SAU801908	VCH101107	27%	65.7%	63.8%
SAU801908	YPS003261	26%	76.6%	75.2%
SAU801912	ABA100328	25%	83.5%	42.9%
SAU801912	BAN108683	47%	85.7%	85.7%
SAU801912	BAN108744	50%	95.2%	95.6%
SAU801912	BFR106001	25%	59.0%	24.2%
SAU801912	BPT101105	23%	76.2%	37.3%
SAU801912	BCE104452	45%	97.8%	96.1%
SAU801912	BFU114829	46%	97.8%	94.8%
SAU801912	BMA100850	44%	96.7%	94.4%
SAU801912	CJU100749	27%	85.7%	92.7%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801912	CAC102721	26%	67.0%	27.6%
SAU801912	CBO100735	26%	67.4%	28.5%
SAU801912	CDF103692	31%	81.0%	87.3%
SAU801912	CDP101431	50%	95.2%	96.3%
SAU801912	EBC101020	58%	98.5%	99.3%
SAU801912	EFA201596	55%	97.4%	97.5%
SAU801912	EFM200649	56%	95.2%	95.6%
SAU801912	ECO101708	58%	98.5%	99.3%
SAU801912	HPY100325	31%	80.6%	78.8%
SAU801912	KPN302800	60%	98.5%	99.3%
SAU801912	LMO101503	58%	96.7%	97.1%
SAU801912	MCA102959	24%	80.6%	38.5%
SAU801912	MGE100394	28%	86.8%	91.1%
SAU801912	MPN100280	27%	88.3%	92.3%
SAU801912	NGO101101	25%	79.5%	81.0%
SAU801912	NME201435	25%	79.9%	78.4%
SAU801912	PRT106200	27%	83.9%	42.9%
SAU801912	PAE204915	45%	96.3%	98.5%
SAU801912	PPU107581	45%	97.1%	99.3%
SAU801912	PSY101011	45%	97.1%	99.3%
SAU801912	SPA103120	60%	96.3%	96.4%
SAU801912	STY101195	58%	98.5%	99.3%
SAU801912	SAU801912	100%	100%	100%
SAU801912	SEP200570	80%	99.6%	98.9%
SAU801912	SHA100109	80%	100%	100%
SAU801912	SMU101467	57%	95.2%	95.6%
SAU801912	SPN401275	55%	96.3%	96.7%
SAU801912	SPY201273	57%	96.3%	96.7%
SAU801912	TPA100772	24%	76.2%	28.9%
SAU801912	UUR100465	30%	87.2%	91.0%
SAU801912	VCH102941	50%	97.1%	99.6%
SAU801912	YPS003346	27%	76.6%	37.8%
SAU801913	ABA104064	24%	62.8%	82.4%
SAU801913	BAN100917	56%	98.0%	99.2%
SAU801913	BAN111422	64%	98.8%	99.2%
SAU801913	BFR12483	24%	61.3%	83.0%
SAU801913	BBU100634	40%	95.1%	97.9%
SAU801913	BFU104396	21%	56.2%	76.7%
SAU801913	CJU100203	44%	78.9%	84.0%
SAU801913	CAC102082	46%	96.1%	96.7%
SAU801913	CAC102201	45%	95.5%	95.5%
SAU801913	CBO101220	43%	96.1%	96.1%
SAU801913	CDF101027	49%	95.5%	98.3%
SAU801913	CDP101373	33%	90.4%	94.7%
SAU801913	EBC100632	24%	37.4%	64.1%
SAU801913	EFA201594	59%	99.2%	98.4%
SAU801913	EFM200699	59%	98.6%	98.6%
SAU801913	ECO100906	20%	66.3%	87%
SAU801913	KPN301496	21%	57.5%	77%
SAU801913	LPN101555	44%	95.9%	98.1%
SAU801913	LMO102099	61%	97.8%	96.8%
SAU801913	MAV103522	30%	89.4%	92.1%
SAU801913	MBV100308	37%	92.6%	91.1%
SAU801913	MTU200570	37%	92.6%	91.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801913	MPN100107	21%	61.1%	76.1%
SAU801913	NGO100225	25%	71.2%	93.0%
SAU801913	NME201565	25%	71.2%	89.3%
SAU801913	PRT101956	22%	40.9%	54.2%
SAU801913	PAE204374	23%	31.7%	44.0%
SAU801913	PPU107582	24%	54.2%	72.1%
SAU801913	PSY101887	25%	31.7%	43.0%
SAU801913	SPA102570	21%	66.3%	87%
SAU801913	STY102950	21%	66.3%	87%
SAU801913	SAU801913	100%	100%	100%
SAU801913	SEP200580	85%	100%	100%
SAU801913	SHA101008	87%	84.0%	96.9%
SAU801913	SMU101465	58%	98.0%	98.6%
SAU801913	SPN401276	59%	98.6%	99.4%
SAU801913	SPY201274	62%	95.3%	96.3%
SAU801913	TPA100621	38%	92.2%	95.3%
SAU801913	UUR100278	22%	54.8%	78.2%
SAU801913	YPS002092	21%	66.3%	87.0%
SAU801919	BAN106385	61%	66.3%	99.5%
SAU801919	BAN103886	53%	98.4%	99.7%
SAU801919	CAC101085	43%	98.1%	97.4%
SAU801919	CBO102972	42%	76.7%	86.5%
SAU801919	CDF100963	46%	2.6%	44.5%
SAU801919	EFA201809	57%	98.7%	99.0%
SAU801919	EFM101283	48%	65.0%	100%
SAU801919	LMO102809	52%	100%	100%
SAU801919	SAU801919	100%	100%	100%
SAU801919	SEP200585	82%	100%	100%
SAU801919	SHA100533	81%	100%	100%
SAU801919	SMU100407	48%	99.0%	99.0%
SAU801919	SPN401388	49%	99.0%	99.0%
SAU801919	SPY200277	48%	99.0%	99.0%
SAU801919	VCH101659	34%	97.7%	98.7%
SAU801933	BAN110157	40%	95.3%	100%
SAU801933	BAN100669	41%	95.3%	97.9%
SAU801933	BFR12250	29%	72.1%	73.6%
SAU801933	CBO103408	43%	92.6%	97.2%
SAU801933	CDF102635	40%	95.0%	99.3%
SAU801933	HPY101203	30%	75.8%	97.8%
SAU801933	SAU801933	100%	100%	100%
SAU801933	SEP200625	67%	98.0%	96.1%
SAU801933	SHA100899	61%	95.3%	95.0%
SAU801933	SMU101571	40%	76.8%	93.4%
SAU801933	SPN401558	35%	68.5%	82.5%
SAU801933	SPY200989	35%	68.5%	86.2%
SAU801934	ABA105859	30%	78.6%	38%
SAU801934	BAN104444	47%	97.6%	100%
SAU801934	BAN112958	52%	100%	97.7%
SAU801934	BCE102018	42%	55.6%	51.9%
SAU801934	CAC102154	36%	75.4%	81.0%
SAU801934	CBO102232	49%	96.0%	98.4%
SAU801934	CDF100819	47%	98.4%	100%
SAU801934	EFA204644	29%	100%	96.1%
SAU801934	KPN103820	29%	70.6%	40.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU801934	LMO101932	31%	88.9%	85.5%
SAU801934	MAV100931	39%	54.8%	57.0%
SAU801934	MBV100745	29%	88.9%	87.6%
SAU801934	MTU201137	29%	88.9%	87.6%
SAU801934	PRT106136	43%	49.2%	23.8%
SAU801934	STM101603	28%	81.0%	41.2%
SAU801934	SAU801934	100%	100%	100%
SAU801934	SEP200626	80%	98.4%	99.2%
SAU801934	SHA100898	78%	98.4%	98.4%
SAU801934	SMU101019	31%	88.9%	90.2%
SAU801934	SPN401557	32%	84.9%	87.6%
SAU801934	VCH102380	38%	50%	24.6%
SAU801934	YPS002665	38%	53.2%	26.3%
SAU802004	BAN101272	25%	94.7%	98.4%
SAU802004	BAN107130	26%	95.9%	98.7%
SAU802004	SAU801163	28%	89.6%	92.8%
SAU802004	SAU802419	29%	91.1%	92.2%
SAU802004	SAU801820	29%	84.9%	88.1%
SAU802004	SAU802420	30%	83.4%	85.7%
SAU802004	SAU802005	33%	90.5%	82.9%
SAU802004	SAU802421	40%	96.4%	97.2%
SAU802004	SAU801819	39%	95.6%	94.3%
SAU802004	SAU802004	100%	100%	100%
SAU802004	VCH100912	22%	30.2%	43.2%
SAU802047	ABA100982	31%	99.7%	97.5%
SAU802047	BAN106801	29%	95.3%	98.4%
SAU802047	BAN104276	47%	99.4%	99.7%
SAU802047	BFR103776	37%	93.6%	57.0%
SAU802047	BFR10042	34%	99.7%	99.1%
SAU802047	BCE113553	30%	99.7%	99.4%
SAU802047	BFU107062	30%	99.7%	99.4%
SAU802047	BMA104615	31%	99.7%	99.4%
SAU802047	CAC100348	38%	99.4%	99.1%
SAU802047	CBO100372	39%	99.7%	98.9%
SAU802047	CDF101542	40%	99.2%	99.7%
SAU802047	EBC102419	32%	43.6%	86.1%
SAU802047	EFA201584	46%	100%	98.9%
SAU802047	EFM201350	46%	100%	99.2%
SAU802047	ECO103275	31%	45.0%	87.8%
SAU802047	HIN100639	31%	87.7%	42.5%
SAU802047	KPN301152	31%	46.1%	88.9%
SAU802047	LMO101290	46%	100%	99.5%
SAU802047	MCA100657	31%	99.7%	99.7%
SAU802047	PMU101582	31%	86.3%	40.9%
SAU802047	PRT102660	31%	86.3%	40.7%
SAU802047	STY101770	32%	82.6%	37.6%
SAU802047	STM102482	32%	82.6%	37.6%
SAU802047	SAU802047	100%	100%	100%
SAU802047	SEP201282	79%	100%	100%
SAU802047	SHA101969	80%	100%	100%
SAU802047	SMU100319	45%	100%	99.7%
SAU802047	SPN401021	47%	100%	100%
SAU802047	SPY200774	44%	100%	99.7%
SAU802049	ABA100056	43%	85.9%	93.3%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802049	BAN102312	39%	90.3%	92.4%
SAU802049	BAN108913	63%	98.5%	98.3%
SAU802049	BAN103034	63%	98.5%	100%
SAU802049	BFR100429	40%	96.8%	99.1%
SAU802049	BPT100362	42%	95.9%	86.6%
SAU802049	BBU100768	42%	96.2%	94.2%
SAU802049	BCE114776	43%	78.9%	86.2%
SAU802049	BFU102589	45%	91.5%	88.7%
SAU802049	BMA105419	44%	90.6%	88.0%
SAU802049	CJU101268	36%	93.8%	94.6%
SAU802049	CPN200562	40%	92.4%	92.4%
SAU802049	CTR200463	43%	91.8%	92.6%
SAU802049	CAC103068	52%	98.8%	99.7%
SAU802049	CBO100390	55%	98.8%	99.7%
SAU802049	CDF101563	53%	97.9%	96.6%
SAU802049	CDP100064	45%	92.7%	93.1%
SAU802049	EBC100417	42%	94.4%	96.1%
SAU802049	EFA200289	58%	98.5%	97.1%
SAU802049	EFM201462	58%	97.4%	98.8%
SAU802049	ECO102998	41%	97.9%	99.1%
SAU802049	HIN100509	44%	94.4%	95.6%
SAU802049	HPY101561	34%	93.8%	95.6%
SAU802049	KPN306799	37%	54.8%	97.9%
SAU802049	LPN103299	43%	83.6%	92.2%
SAU802049	LMO102931	59%	98.8%	98.5%
SAU802049	MCA101243	40%	94.1%	94.5%
SAU802049	MAV102882	48%	51.9%	97.3%
SAU802049	MBV101140	44%	92.1%	92.7%
SAU802049	MLP100243	44%	91.2%	90.3%
SAU802049	MTU203373	44%	92.1%	92.7%
SAU802049	MGE100046	33%	97.4%	100%
SAU802049	MPN100095	36%	97.4%	100%
SAU802049	NGO101700	40%	93.0%	94.9%
SAU802049	NME200611	39%	93.0%	94.9%
SAU802049	PMU101238	43%	97.9%	98.8%
SAU802049	PRT100528	41%	97.9%	98.2%
SAU802049	PAE200579	44%	90.0%	91.2%
SAU802049	PPU107523	45%	97.7%	98.8%
SAU802049	PSY103381	43%	98.2%	99.4%
SAU802049	SPA101473	35%	62.5%	89.4%
SAU802049	STY100806	41%	97.9%	99.1%
SAU802049	SAU802049	100%	100%	100%
SAU802049	SEP201284	80%	99.4%	98.3%
SAU802049	SHA101340	78%	100%	100%
SAU802049	SMU100718	53%	97.7%	98.5%
SAU802049	SPN400131	55%	97.1%	97.9%
SAU802049	SPY201441	53%	98.2%	97.4%
SAU802049	TPA100672	40%	92.1%	89.2%
SAU802049	UUR100415	37%	92.7%	96.6%
SAU802049	YPS001964	43%	90.0%	91.1%
SAU802054	ABA105924	43%	94.1%	98.4%
SAU802054	BAN113044	53%	93.0%	99.8%
SAU802054	BAN109521	54%	95.8%	99.5%
SAU802054	BFR10273	41%	89.1%	99.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802054	BPT102555	42%	93.5%	98.2%
SAU802054	BCE111312	45%	93.4%	89.3%
SAU802054	BFU106339	44%	93.4%	95.1%
SAU802054	BMA108273	44%	93.4%	95.1%
SAU802054	CJU100535	44%	93.5%	97.7%
SAU802054	CAC100732	43%	93.5%	98.7%
SAU802054	CDF100458	43%	92.0%	97.3%
SAU802054	CDP100196	42%	93.7%	86.2%
SAU802054	EBC103122	42%	93.5%	99.3%
SAU802054	ECO100077	42%	94.1%	93.5%
SAU802054	HIN101552	43%	93.5%	97.6%
SAU802054	KPN302040	42%	93.5%	98.9%
SAU802054	LPN103264	22%	83.2%	83.5%
SAU802054	LMO101325	59%	96.6%	99.7%
SAU802054	MCA100916	43%	95.9%	94.6%
SAU802054	MAV101431	43%	93.7%	90.5%
SAU802054	MBV101317	43%	93.7%	91.1%
SAU802054	MLP101038	43%	95.1%	91.4%
SAU802054	MTU202965	43%	93.7%	91.1%
SAU802054	NGO101351	43%	93.5%	97.4%
SAU802054	NME201625	43%	93.5%	97.4%
SAU802054	PMU100870	43%	93.5%	97.6%
SAU802054	PRT105730	42%	93.5%	98.9%
SAU802054	PAE204692	41%	92.4%	96.7%
SAU802054	PPU111169	43%	87.3%	98.5%
SAU802054	PSY104459	41%	84.7%	98.3%
SAU802054	SPA102770	42%	93.5%	98.9%
SAU802054	STY102149	42%	93.5%	98.9%
SAU802054	STM101000	42%	93.5%	98.9%
SAU802054	SAU802054	100%	100%	100%
SAU802054	SEP201291	81%	94.1%	95.0%
SAU802054	SHA101346	79%	94.7%	94.4%
SAU802054	SMU101464	56%	94.9%	98.4%
SAU802054	SPN400401	54%	95.1%	98.6%
SAU802054	VCH102447	43%	94.1%	98.4%
SAU802054	YPS000964	41%	94.1%	98.4%
SAU802055	ABA105739	28%	88.1%	44.8%
SAU802055	BAN101552	40%	88.1%	43.8%
SAU802055	BFR103117	33%	67.9%	30.1%
SAU802055	BPT102556	24%	88.1%	44.8%
SAU802055	BCE113712	30%	96.4%	44.6%
SAU802055	BFU106342	31%	88.1%	44.8%
SAU802055	BMA102494	30%	96.4%	47.9%
SAU802055	CJU100536	28%	98.8%	53.9%
SAU802055	EBC101943	33%	88.1%	44.8%
SAU802055	ECO100078	32%	88.1%	44.8%
SAU802055	HIN101551	28%	88.1%	44.8%
SAU802055	KPN301558	31%	88.1%	42.2%
SAU802055	LMO101469	36%	97.6%	49.1%
SAU802055	MCA100917	26%	85.7%	39.4%
SAU802055	MAV101430	34%	86.9%	42.9%
SAU802055	MBV101315	34%	86.9%	42.9%
SAU802055	MTU202964	34%	86.9%	42.9%
SAU802055	NGO101348	29%	88.1%	44.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802055	NME201624	29%	88.1%	44.8%
SAU802055	PMU100869	27%	88.1%	44.8%
SAU802055	PAE204691	27%	96.4%	46.0%
SAU802055	PPU100092	28%	96.4%	46.0%
SAU802055	PSY104460	27%	96.4%	46.0%
SAU802055	SPA102565	32%	88.1%	83.9%
SAU802055	STY103145	32%	88.1%	44.5%
SAU802055	STM102857	32%	88.1%	44.8%
SAU802055	SAU802055	100%	100%	100%
SAU802055	SEP204150	61%	89.3%	97.4%
SAU802055	SHA102434	62%	89.3%	93.8%
SAU802055	SMU101466	32%	96.4%	49.4%
SAU802055	SPN400402	30%	96.4%	47.6%
SAU802055	VCH102446	30%	89.3%	45.1%
SAU802055	YPS000965	31%	85.7%	43.3%
SAU802056	ABA105073	53%	98.5%	97.6%
SAU802056	BAN104049	60%	97.3%	99.7%
SAU802056	BAN109399	66%	98.8%	98.2%
SAU802056	BFR11737	36%	84.4%	82.4%
SAU802056	BPT102557	54%	98.5%	97.6%
SAU802056	BCE101787	57%	99.1%	98.5%
SAU802056	BFU106345	57%	99.1%	98.5%
SAU802056	BMA102817	57%	99.1%	98.5%
SAU802056	CJU100593	59%	98.8%	97.4%
SAU802056	CAC103323	56%	97.0%	96.4%
SAU802056	CDF103947	61%	98.2%	99.4%
SAU802056	CDP100202	58%	97.0%	96.4%
SAU802056	EBC102901	33%	94.0%	91.9%
SAU802056	EFM100577	60%	30.8%	98.1%
SAU802056	ECO103688	33%	94.0%	91.9%
SAU802056	HIN100663	31%	94.0%	91.9%
SAU802056	HPY100326	43%	95.2%	96.7%
SAU802056	KPN302041	33%	94.0%	91.9%
SAU802056	LMO100212	77%	98.2%	99.1%
SAU802056	MCA100918	54%	98.5%	97.1%
SAU802056	MAV101429	56%	97.0%	97.6%
SAU802056	MBV101313	56%	97.0%	97.6%
SAU802056	MLP101036	54%	98.8%	99.4%
SAU802056	MTU202963	56%	97.0%	97.6%
SAU802056	NGO101342	56%	98.5%	97.6%
SAU802056	NME201622	56%	98.5%	97.6%
SAU802056	PMU101284	32%	95.2%	92.9%
SAU802056	PRT103939	31%	95.2%	92.7%
SAU802056	PAE204690	56%	98.5%	97.6%
SAU802056	PPU100091	55%	98.5%	97.6%
SAU802056	PSY104461	55%	98.5%	97.6%
SAU802056	SPA103746	31%	62.3%	94.9%
SAU802056	STY102126	33%	94.0%	91.9%
SAU802056	STM101019	33%	94.0%	91.9%
SAU802056	SAU802056	100%	100%	100%
SAU802056	SEP201300	89%	100%	100%
SAU802056	SHA101347	88%	100%	100%
SAU802056	SMU101468	67%	96.4%	94.7%
SAU802056	SPN400403	68%	96.4%	94.7%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802056	VCH100160	30%	95.2%	92.7%
SAU802056	YPS001623	32%	94.0%	91.9%
SAU802059	ABA104781	55%	98.9%	99.2%
SAU802059	BAN100313	64%	98.9%	100%
SAU802059	BAN100367	66%	99.3%	97.8%
SAU802059	BFR12153	48%	99.1%	99.6%
SAU802059	BPT101910	54%	99.1%	97.3%
SAU802059	BCE108881	54%	99.6%	99.8%
SAU802059	BFU100662	55%	98.5%	91.7%
SAU802059	BMA104026	54%	99.1%	61.9%
SAU802059	CJU101621	56%	99.3%	98.7%
SAU802059	CAC102015	36%	99.1%	98.8%
SAU802059	CDF100900	33%	99.8%	100%
SAU802059	CDP100261	54%	97.1%	94.8%
SAU802059	EBC102532	55%	99.6%	100%
SAU802059	ECO100072	54%	99.6%	99.8%
SAU802059	HIN100969	54%	100%	99.8%
SAU802059	HPY100766	25%	75.2%	40.9%
SAU802059	KPN301553	54%	99.6%	99.8%
SAU802059	LMO100765	75%	100%	98.9%
SAU802059	MCA100223	54%	98.9%	99.2%
SAU802059	MAV108159	54%	97.4%	95.8%
SAU802059	MBV102077	52%	97.4%	96.4%
SAU802059	MLP101031	54%	97.8%	95.3%
SAU802059	MTU202950	52%	97.4%	96.4%
SAU802059	NGO101165	54%	98.7%	98.7%
SAU802059	NME201321	54%	98.7%	98.7%
SAU802059	PMU101960	54%	99.6%	99.4%
SAU802059	PRT101170	56%	99.1%	98.7%
SAU802059	PAE203119	55%	99.6%	99.4%
SAU802059	PPU103214	55%	99.6%	98.5%
SAU802059	PSY104878	55%	99.3%	98.7%
SAU802059	SPA102560	54%	97.4%	100%
SAU802059	STY103139	54%	99.6%	99.8%
SAU802059	STM104156	45%	99.3%	98.5%
SAU802059	SAU802059	100%	100%	100%
SAU802059	SEP201303	89%	100%	100%
SAU802059	SHA102193	80%	59.9%	100%
SAU802059	SMU100436	65%	99.3%	98.5%
SAU802059	VCH102456	55%	98.9%	98.9%
SAU802059	YPS000958	55%	99.1%	97.3%
SAU802063	ABA100497	40%	98.7%	90.4%
SAU802063	BAN103890	51%	97.2%	98.3%
SAU802063	BAN110897	57%	99.4%	99.2%
SAU802063	BFR10814	49%	35.3%	87.7%
SAU802063	BFR10451	47%	97.1%	97.5%
SAU802063	BPT101858	42%	96.8%	89.3%
SAU802063	BCE100683	42%	98.9%	88.0%
SAU802063	BFU102354	43%	98.9%	91.8%
SAU802063	BMA107964	43%	98.9%	87.3%
SAU802063	CAC102993	53%	98.2%	98.7%
SAU802063	CBO101100	50%	98.6%	98.8%
SAU802063	CDF101569	52%	98.6%	99.0%
SAU802063	CDP101150	43%	98.3%	92.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802063	EBC103842	42%	99.3%	92.5%
SAU802063	EFA200142	56%	99.2%	98.4%
SAU802063	EFM202462	56%	99.7%	99.2%
SAU802063	ECO103330	42%	94.8%	92.7%
SAU802063	HIN100547	42%	99.3%	94.4%
SAU802063	KPN300029	38%	25.3%	96.1%
SAU802063	KPN307162	42%	99.3%	92.5%
SAU802063	LPN100520	41%	98.2%	89.6%
SAU802063	LMO101697	57%	99.9%	99.0%
SAU802063	MCA100121	39%	99.3%	88.6%
SAU802063	NGO101872	42%	96.8%	91.4%
SAU802063	NME200185	42%	96.8%	91.4%
SAU802063	PMU101448	42%	99.3%	90.9%
SAU802063	PRT102821	42%	99.3%	92.4%
SAU802063	PAE205196	42%	96.9%	90.0%
SAU802063	PPU110008	42%	98.6%	92.2%
SAU802063	PSY103044	42%	98.6%	92.4%
SAU802063	SPA103543	41%	98.2%	99.9%
SAU802063	STY101364	42%	99.3%	92.5%
SAU802063	STM102920	42%	99.3%	92.6%
SAU802063	SAU802063	100%	100%	100%
SAU802063	SEP201321	76%	100%	100%
SAU802063	SHA100107	86%	42.7%	100%
SAU802063	SMU100019	49%	99.6%	99.6%
SAU802063	SPN400808	51%	97.6%	96.6%
SAU802063	SPY200418	49%	100%	99.7%
SAU802063	TPA100914	42%	99.2%	90.0%
SAU802063	UUR100027	41%	99.3%	99.7%
SAU802063	VCH102678	42%	99.3%	93.0%
SAU802063	YPS001556	41%	99.3%	90.8%
SAU802070	ABA104714	34%	93.5%	98.0%
SAU802070	BAN108606	28%	74.1%	73.6%
SAU802070	BAN113034	40%	95.3%	94.6%
SAU802070	BFR100168	31%	94.0%	43.0%
SAU802070	BPT100200	30%	88.7%	90.1%
SAU802070	BBU100159	28%	93.7%	96.2%
SAU802070	BCE100962	30%	85.9%	93.2%
SAU802070	BCE103071	30%	91.4%	95.5%
SAU802070	BFU105069	28%	92.4%	96.6%
SAU802070	BMA104109	30%	91.4%	95.5%
SAU802070	CJU100836	28%	87.4%	91.2%
SAU802070	CAC101046	27%	93.2%	90.9%
SAU802070	CAC102016	38%	95.5%	96.1%
SAU802070	CBO102786	36%	95.5%	94.3%
SAU802070	CDF103831	37%	97.6%	97.1%
SAU802070	CDP100053	31%	93.2%	94.5%
SAU802070	EBC104213	32%	95.3%	99.7%
SAU802070	EFA200474	38%	95.5%	98.9%
SAU802070	EFM101678	32%	94.2%	100%
SAU802070	ECO103947	32%	95.3%	99.7%
SAU802070	HIN101543	32%	95.3%	99.2%
SAU802070	HPY100925	33%	94.8%	98.9%
SAU802070	KPN308841	32%	95.3%	99.7%
SAU802070	LPN103528	31%	56.5%	99.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802070	LMO100444	40%	95.3%	98.4%
SAU802070	MCA100312	29%	95.3%	97.4%
SAU802070	MAV105645	33%	93.7%	93.4%
SAU802070	MBV101134	32%	94.8%	99.7%
SAU802070	MLP100239	31%	93.7%	94.1%
SAU802070	MTU203377	32%	94.8%	90.4%
SAU802070	NGO101532	33%	93.2%	97.7%
SAU802070	NME201757	33%	93.2%	97.7%
SAU802070	PMU100413	33%	92.7%	96.4%
SAU802070	PRT101882	32%	95.3%	99.2%
SAU802070	PAE204925	33%	94.8%	99.2%
SAU802070	PPU103159	34%	94.8%	98.9%
SAU802070	PSY101164	33%	95.3%	99.4%
SAU802070	SPA101756	31%	94.0%	98.6%
SAU802070	STY102270	31%	95.3%	99.7%
SAU802070	STM102809	31%	95.3%	99.7%
SAU802070	SAU802070	100%	100%	100%
SAU802070	SEP201329	70%	100%	100%
SAU802070	SHA101048	68%	100%	100%
SAU802070	SMU101166	39%	98.2%	99.7%
SAU802070	SPN401539	38%	93.5%	94.9%
SAU802070	SPY201387	37%	96.3%	100%
SAU802070	TPA100673	33%	86.6%	96.4%
SAU802070	VCH100367	33%	96.3%	96.3%
SAU802070	YPS002811	31%	94.8%	98.9%
SAU802071	BAN108531	48%	22.7%	35.1%
SAU802071	BAN107463	51%	99.2%	99.2%
SAU802071	BPT102423	32%	96.6%	83.7%
SAU802071	BBU100010	30%	93.3%	96.8%
SAU802071	BCE113308	32%	98.3%	90.3%
SAU802071	BFU105262	28%	95.8%	80.4%
SAU802071	BMA102365	33%	95.8%	88.8%
SAU802071	CJU101328	33%	92.4%	97.4%
SAU802071	CPN200439	37%	95.0%	95.9%
SAU802071	CTR200370	35%	94.1%	93.6%
SAU802071	CAC100902	37%	96.6%	98.4%
SAU802071	CBO101228	39%	96.6%	97.6%
SAU802071	CDF100783	40%	94.1%	94.4%
SAU802071	CDP101322	31%	92.4%	96.9%
SAU802071	EBC102618	37%	95.8%	97.6%
SAU802071	EFA203222	48%	96.6%	98.3%
SAU802071	ECO102514	38%	95.8%	97.6%
SAU802071	HPY100795	34%	95.0%	97.5%
SAU802071	KPN303138	38%	95.8%	97.6%
SAU802071	LMO100718	46%	96.6%	99.2%
SAU802071	MAV106414	25%	95.8%	96.9%
SAU802071	MBV101363	25%	95.8%	96.9%
SAU802071	MLP100741	28%	95.8%	96.9%
SAU802071	MTU202486	25%	95.8%	96.9%
SAU802071	MGE100215	34%	53.8%	55.3%
SAU802071	MPN100538	36%	54.6%	55.5%
SAU802071	NGO101699	41%	77.3%	72%
SAU802071	NME201879	36%	97.5%	100%
SAU802071	PRT105767	40%	96.6%	98.4%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802071	SPA103323	39%	95.8%	97.6%
SAU802071	STY102100	39%	95.8%	97.6%
SAU802071	SAU802071	100%	100%	100%
SAU802071	SEP201331	70%	98.3%	99.1%
SAU802071	SHA101047	75%	97.5%	98.3%
SAU802071	SMU101169	34%	98.3%	98.3%
SAU802071	SPN401540	37%	98.3%	97.5%
SAU802071	SPY201388	41%	96.6%	97.5%
SAU802071	TPA100819	32%	96.6%	96.8%
SAU802071	UUR100396	32%	95.0%	92.2%
SAU802071	VCH102421	41%	97.5%	99.2%
SAU802071	YPS003414	34%	95.8%	97.6%
SAU802075	ABA101351	40%	98.4%	91.5%
SAU802075	BPT102678	39%	97.8%	93.5%
SAU802075	EBC100703	36%	99.5%	99.0%
SAU802075	ECO100679	36%	100%	100%
SAU802075	KPN302575	37%	100%	99.5%
SAU802075	PPU106278	36%	97.3%	97.8%
SAU802075	STY101873	39%	97.8%	95.4%
SAU802075	SAU802075	100%	100%	100%
SAU802075	YPS001486	39%	97.8%	93%
SAU802076	ABA101353	55%	99.6%	99.0%
SAU802076	BAN101555	47%	99.3%	100%
SAU802076	BAN105989	60%	99.3%	96.1%
SAU802076	BFR10818	54%	98.8%	98.5%
SAU802076	BPT102676	51%	99.0%	95.3%
SAU802076	BFU106360	57%	45.9%	97.8%
SAU802076	BMA100646	54%	98.4%	94.4%
SAU802076	CJU100628	59%	98.5%	97.7%
SAU802076	CAC103333	61%	98.8%	97.8%
SAU802076	CDF103879	61%	99.0%	97.4%
SAU802076	EBC100702	55%	54.8%	99.2%
SAU802076	EFA201049	54%	97.8%	98.8%
SAU802076	EFM100911	24%	86.5%	76.0%
SAU802076	ECO100680	55%	98.4%	97.9%
SAU802076	KPN302573	54%	97.9%	97.5%
SAU802076	LMO102824	55%	97.3%	97.9%
SAU802076	MAV101812	53%	96.4%	93.4%
SAU802076	MBV104268	53%	98.4%	95.3%
SAU802076	MTU201019	53%	98.4%	95.2%
SAU802076	PRT102410	53%	98.4%	98.4%
SAU802076	PAE201633	54%	97.2%	94.5%
SAU802076	PPU106277	54%	97.2%	98.9%
SAU802076	PSY105755	55%	97.2%	94.2%
SAU802076	SPA100439	44%	95.6%	98.8%
SAU802076	STY101874	58%	16.4%	0.7%
SAU802076	SAU800073	71%	100%	100%
SAU802076	SAU802076	100%	100%	100%
SAU802076	SEP200654	71%	100%	100%
SAU802076	YPS001489	55%	99.3%	98.8%
SAU802081	ABA101163	40%	70.4%	60%
SAU802081	BAN102211	42%	95.3%	99.4%
SAU802081	BAN103847	50%	98.4%	95.5%
SAU802081	BFR10255	37%	88.7%	72.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802081	BPT100457	40%	71.7%	64.3%
SAU802081	BCE107115	39%	76.1%	93.7%
SAU802081	BFU107954	39%	74.3%	81.6%
SAU802081	BMA103404	40%	75.1%	84.7%
SAU802081	CAC103020	44%	83.6%	80.7%
SAU802081	CBO102910	46%	81.8%	84.3%
SAU802081	CDF103369	41%	88.9%	84.0%
SAU802081	CDP101075	39%	92.3%	83.7%
SAU802081	EBC103897	40%	90.3%	73.9%
SAU802081	EFA200476	49%	97.0%	96.5%
SAU802081	EFM201829	50%	95.7%	99.6%
SAU802081	ECO103094	39%	92.5%	73.2%
SAU802081	HIN100222	37%	93.3%	76.0%
SAU802081	HPY100243	35%	92.7%	95.5%
SAU802081	KPN300133	44%	29.1%	99.3%
SAU802081	KPN301427	39%	92.1%	73.9%
SAU802081	LPN103085	38%	97.6%	84.6%
SAU802081	LMO100391	50%	98.4%	98.1%
SAU802081	MCA100979	33%	97.0%	85.5%
SAU802081	MAV100272	39%	87.4%	78.1%
SAU802081	MBV105490	38%	90.7%	79.4%
SAU802081	MLP100490	32%	92.5%	90.3%
SAU802081	MTU201236	38%	90.7%	79.4%
SAU802081	MGE100435	32%	71.3%	82.2%
SAU802081	MPN100219	34%	72.1%	83.1%
SAU802081	NGO101914	38%	71.1%	87.4%
SAU802081	NME201494	38%	71.1%	80.5%
SAU802081	PMU101112	39%	93.3%	76.4%
SAU802081	PRT102432	39%	90.7%	75.1%
SAU802081	PAE202838	39%	90.7%	81.5%
SAU802081	PPU101891	40%	90.1%	79.8%
SAU802081	PSY103180	39%	91.7%	81.9%
SAU802081	SPA101061	40%	79.4%	86.7%
SAU802081	STY100977	39%	92.5%	73.2%
SAU802081	STM102125	37%	72.5%	82.2%
SAU802081	SAU802081	100%	100%	100%
SAU802081	SEP201342	87%	100%	100%
SAU802081	SHA100953	87%	100%	100%
SAU802081	SMU100751	48%	97.2%	95.9%
SAU802081	SPN401439	47%	96.2%	96.6%
SAU802081	SPY201084	46%	98.2%	94.4%
SAU802081	TPA100762	38%	84.0%	65.6%
SAU802081	VCH103524	36%	99.2%	72.2%
SAU802081	YPS001037	39%	92.7%	71.7%
SAU802082	ABA100930	31%	96.0%	93.3%
SAU802082	BAN107253	30%	74.6%	76.8%
SAU802082	BAN102625	49%	36.5%	67.5%
SAU802082	BAN103946	49%	37.2%	98.2%
SAU802082	BAN106298	45%	99.6%	99.8%
SAU802082	BFR103444	40%	44.7%	86.4%
SAU802082	BPT104540	34%	22.1%	40%
SAU802082	BBU100303	28%	94.5%	94.4%
SAU802082	BCE104414	30%	81.6%	97.7%
SAU802082	BFU100824	30%	94.5%	91.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802082	BMA104638	31%	99.6%	97.2%
SAU802082	CJU100734	26%	60.2%	55.2%
SAU802082	CPN200950	29%	97.1%	98.2%
SAU802082	CTR200132	28%	96.2%	94.5%
SAU802082	CAC101153	41%	93.8%	93.4%
SAU802082	CBO102608	39%	99.6%	98.7%
SAU802082	CDF103288	38%	94.7%	94.7%
SAU802082	CDP101279	29%	93.8%	93.8%
SAU802082	EBC102572	33%	99.6%	98.7%
SAU802082	EFA200478	42%	94.2%	94.1%
SAU802082	EFM201777	39%	99.3%	99.1%
SAU802082	ECO100086	31%	99.6%	98.7%
SAU802082	HIN101108	33%	94.7%	94.1%
SAU802082	HPY100728	25%	59.3%	52.9%
SAU802082	KPN301858	31%	99.6%	98.7%
SAU802082	LMO101402	41%	95.8%	95.6%
SAU802082	MCA100820	31%	92.7%	91.5%
SAU802082	MAV103997	26%	59.1%	91.1%
SAU802082	MLP100565	26%	99.8%	98.6%
SAU802082	MTU202123	28%	100%	98.2%
SAU802082	NGO100600	35%	94.7%	98.4%
SAU802082	NME201912	34%	94.7%	94.9%
SAU802082	PMU100138	32%	99.6%	98.7%
SAU802082	PRT102642	34%	98.7%	97.2%
SAU802082	PAE204414	32%	93.8%	92.8%
SAU802082	PPU111733	35%	93.6%	92.5%
SAU802082	PSY103854	35%	93.8%	93.6%
SAU802082	SPA102755	32%	99.6%	98.7%
SAU802082	STY103172	32%	99.6%	98.7%
SAU802082	STM102864	32%	99.6%	98.7%
SAU802082	SAU802082	100%	100%	100%
SAU802082	SEP201343	71%	99.8%	100%
SAU802082	SHA100952	73%	99.8%	100%
SAU802082	SMU100741	37%	99.3%	99.6%
SAU802082	SPN401513	33%	95.1%	94.5%
SAU802082	SPY201087	38%	94.5%	92.7%
SAU802082	TPA100382	32%	92.9%	92.6%
SAU802082	VCH102370	33%	99.6%	98.9%
SAU802082	YPS000994	32%	99.6%	98.7%
SAU802083	ABA100626	31%	94.9%	96.1%
SAU802083	BAN104177	35%	86.5%	99.7%
SAU802083	BAN100572	50%	96.9%	99.7%
SAU802083	BFR105381	28%	94.7%	98.8%
SAU802083	BPT102997	31%	93.0%	92.7%
SAU802083	BBU100199	36%	96.3%	98.0%
SAU802083	BCE105651	28%	94.1%	95.2%
SAU802083	BFU100405	31%	94.1%	94.3%
SAU802083	BMA105987	32%	69.9%	81.3%
SAU802083	CJU100737	29%	86.5%	87.0%
SAU802083	CPN200944	32%	97.5%	42.5%
SAU802083	CTR100467	31%	97.8%	42.7%
SAU802083	CAC100277	44%	96.3%	99.1%
SAU802083	CBO101170	28%	94.9%	98.3%
SAU802083	CDF102256	34%	95.5%	99.2%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802083	CDP100271	37%	94.4%	94.5%
SAU802083	EBC102757	43%	96.9%	96.7%
SAU802083	EFA200480	47%	95.2%	98.9%
SAU802083	EFM201399	47%	96.6%	97.5%
SAU802083	ECO100373	42%	96.9%	97.3%
SAU802083	HIN101114	30%	95.8%	99.0%
SAU802083	HPY100726	27%	97.2%	99.1%
SAU802083	KPN306468	42%	96.9%	97.3%
SAU802083	LPN102747	35%	93.0%	98.0%
SAU802083	LMO102338	48%	99.4%	99.5%
SAU802083	MCA100898	29%	93.5%	86.8%
SAU802083	MAV101441	36%	95.2%	96.5%
SAU802083	MBV102041	36%	94.4%	98.6%
SAU802083	MLP101024	38%	95.2%	93.8%
SAU802083	MTU202943	36%	95.2%	95.4%
SAU802083	NGO100582	29%	94.4%	97.0%
SAU802083	NME201904	29%	94.4%	97.0%
SAU802083	PMU100144	30%	96.3%	98.7%
SAU802083	PRT104171	43%	100%	99.7%
SAU802083	PAE204198	30%	97.8%	98.0%
SAU802083	PPU100215	35%	95.2%	96.9%
SAU802083	PSY105197	47%	77.2%	83.8%
SAU802083	SPA103191	43%	96.9%	97.2%
SAU802083	STY104599	43%	96.9%	97.3%
SAU802083	STM102890	32%	94.9%	99.0%
SAU802083	SAU802083	100%	100%	100%
SAU802083	SEP201344	86%	100%	99.7%
SAU802083	SHA100951	84%	100%	100%
SAU802083	SMU100736	47%	98.6%	99.4%
SAU802083	SPN401514	46%	97.5%	98.6%
SAU802083	SPY201088	45%	98.6%	99.4%
SAU802083	TPA100662	37%	95.5%	88.4%
SAU802083	VCH103296	29%	94.9%	97.6%
SAU802083	YPS001018	35%	94.9%	99.0%
SAU802087	ABA104996	31%	85.6%	87.9%
SAU802087	BAN100950	43%	73.2%	84.5%
SAU802087	BAN106687	42%	91.8%	89%
SAU802087	BCE103740	37%	83.5%	89.0%
SAU802087	BFU100478	34%	90.7%	97.8%
SAU802087	CAC102114	38%	75.3%	76.8%
SAU802087	CBO100308	38%	91.8%	97.8%
SAU802087	CDF100513	40%	99.0%	100%
SAU802087	EBC103158	38%	61.9%	65.9%
SAU802087	ECO102064	31%	90.7%	97.8%
SAU802087	KPN302400	23%	90.7%	77.2%
SAU802087	LMO101992	41%	82.5%	81.4%
SAU802087	MAV104011	47%	97.9%	87.4%
SAU802087	MBV102694	56%	74.2%	75%
SAU802087	MLP101543	51%	81.4%	58.5%
SAU802087	MTU200189	56%	74.2%	75%
SAU802087	PAE201297	35%	84.5%	90.1%
SAU802087	PPU106096	31%	80.4%	83.2%
SAU802087	PSY106346	28%	99.0%	97.9%
SAU802087	SPA103443	30%	90.7%	97.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802087	STY104085	31%	90.7%	97.8%
SAU802087	SAU802087	100%	100%	100%
SAU802087	SEP201349	84%	100%	100%
SAU802087	SHA100794	87%	100%	100%
SAU802090	ABA100996	31%	68.6%	31.4%
SAU802090	BAN110101	33%	42.8%	98.4%
SAU802090	BAN111360	27%	84.1%	92.3%
SAU802090	BAN113573	32%	84.1%	92.5%
SAU802090	BFR11357	28%	69.3%	33.3%
SAU802090	BPT100635	24%	70.7%	33.4%
SAU802090	BBU100441	25%	67.6%	36.9%
SAU802090	BCE114096	27%	70%	34.9%
SAU802090	BFU101036	27%	66.2%	32.1%
SAU802090	BMA108265	29%	66.2%	31.7%
SAU802090	CJU100888	31%	77.2%	39.6%
SAU802090	CPN200442	29%	72.1%	27.3%
SAU802090	CTR200515	30%	71.7%	27.4%
SAU802090	CAC102265	31%	82.1%	87.8%
SAU802090	CBO101415	31%	73.8%	92.6%
SAU802090	CDF102839	31%	70.7%	89.4%
SAU802090	CDP101656	29%	33.8%	27.1%
SAU802090	EBC104228	29%	65.2%	32.0%
SAU802090	EFA200401	37%	86.2%	80%
SAU802090	EFM202652	32%	95.9%	97.7%
SAU802090	ECO103626	29%	70.7%	34.5%
SAU802090	HIN100982	29%	70%	34.4%
SAU802090	HPY101429	29%	71.0%	35.1%
SAU802090	KPN302215	28%	65.2%	32.6%
SAU802090	LMO100776	36%	92.8%	98.5%
SAU802090	MCA103022	33%	71.4%	35.1%
SAU802090	MAV100557	30%	38.6%	28.6%
SAU802090	MBV106261	30%	38.6%	27.6%
SAU802090	MLP101603	29%	38.6%	26.6%
SAU802090	MTU203866	30%	38.6%	27.6%
SAU802090	MGE100473	23%	80.3%	67.8%
SAU802090	MPN100162	22%	69.7%	57.4%
SAU802090	NGO101427	32%	72.4%	36.1%
SAU802090	NME200508	31%	72.4%	36.1%
SAU802090	PMU101165	29%	70%	34.4%
SAU802090	PRT103088	27%	65.2%	32.7%
SAU802090	PAE205563	27%	72.8%	34.3%
SAU802090	PPU103675	26%	73.1%	35.5%
SAU802090	PSY103555	26%	65.2%	31.0%
SAU802090	SPA101311	29%	70.7%	35.4%
SAU802090	STY103946	28%	70.7%	34.5%
SAU802090	STM100542	28%	70.7%	34.5%
SAU802090	SAU802090	100%	100%	100%
SAU802090	SEP201891	83%	100%	100%
SAU802090	SHA100992	74%	59.3%	100%
SAU802090	SMU100510	35%	96.9%	91.9%
SAU802090	SPN401788	29%	100%	95.8%
SAU802090	SPY200255	35%	81.0%	75.2%
SAU802090	TPA100939	25%	70.7%	31.9%
SAU802090	UUR100609	22%	77.2%	64.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802090	VCH100004	29%	70%	34.4%
SAU802090	YPS003474	28%	65.2%	32.1%
SAU802091	ABA103813	30%	84.5%	86.7%
SAU802091	BAN109630	50%	53.1%	86.7%
SAU802091	BAN104683	47%	93.9%	90.4%
SAU802091	BFR11309	29%	83.6%	88.7%
SAU802091	BPT102398	32%	81.7%	81.6%
SAU802091	BCE108732	26%	79.8%	62.7%
SAU802091	BFU102896	27%	68.1%	40.1%
SAU802091	BMA102974	27%	84.0%	48.8%
SAU802091	CJU101007	31%	93.4%	91.0%
SAU802091	CAC102203	29%	83.1%	86.7%
SAU802091	CAC102661	37%	86.4%	85.3%
SAU802091	CBO102722	36%	86.4%	88.3%
SAU802091	CDF102363	39%	34.3%	45.7%
SAU802091	CDF103547	36%	92.5%	91.9%
SAU802091	CDP101293	30%	91.5%	89.2%
SAU802091	EBC103905	26%	80.8%	81.3%
SAU802091	EFA200774	29%	93.0%	91.0%
SAU802091	EFM201656	34%	19.2%	24.0%
SAU802091	ECO103891	28%	79.8%	79.6%
SAU802091	HIN100397	41%	96.7%	95.1%
SAU802091	HPY100830	40%	93.4%	94.5%
SAU802091	KPN302487	28%	79.8%	79.6%
SAU802091	LMO100703	47%	95.3%	95.8%
SAU802091	MCA101998	26%	72.8%	70.5%
SAU802091	MAV101591	30%	81.7%	80.7%
SAU802091	MBV106116	34%	80.3%	80.2%
SAU802091	MLP100208	32%	79.8%	76.6%
SAU802091	MTU200413	34%	80.3%	80.2%
SAU802091	NGO101027	28%	83.1%	85.4%
SAU802091	NME200337	28%	85.0%	87.3%
SAU802091	PMU101260	43%	93.9%	94.1%
SAU802091	PRT101551	29%	81.7%	80%
SAU802091	PAE203973	27%	86.4%	87.6%
SAU802091	PPU107618	29%	85.9%	86.5%
SAU802091	PSY105102	32%	85.9%	87.3%
SAU802091	SPA100267	29%	62.9%	63.8%
SAU802091	STY102650	28%	79.8%	79.6%
SAU802091	SAU802091	100%	100%	100%
SAU802091	SEP201892	61%	99.1%	99.1%
SAU802091	SHA100076	64%	92.5%	100%
SAU802091	SPN400630	52%	98.1%	99.5%
SAU802091	VCH100062	26%	85.9%	43.9%
SAU802091	YPS000460	29%	82.2%	80.5%
SAU802092	ABA100604	38%	94.7%	89.8%
SAU802092	BAN109533	33%	90.9%	89.2%
SAU802092	BAN107336	40%	90.9%	89.2%
SAU802092	CAC103654	34%	93.5%	93.4%
SAU802092	CBO102672	34%	98.5%	97.7%
SAU802092	CDF103521	36%	94.3%	93.9%
SAU802092	EBC100699	40%	95.1%	96.5%
SAU802092	EFA200773	32%	81.4%	80.9%
SAU802092	ECO102063	40%	91.3%	90.5%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802092	HIN100395	41%	98.5%	97.7%
SAU802092	HPY100832	36%	92.0%	89.0%
SAU802092	KPN308180	42%	91.3%	91.8%
SAU802092	LMO102897	38%	98.1%	95.9%
SAU802092	PMU101262	40%	97.7%	97.0%
SAU802092	SPA101206	30%	90.1%	91.7%
SAU802092	STY104191	41%	93.5%	91.7%
SAU802092	SAU802092	100%	100%	100%
SAU802092	SEP201893	66%	99.6%	100%
SAU802092	SHA100807	73%	55.1%	99.3%
SAU802092	SPN400629	41%	98.9%	97.4%
SAU802094	ABA101933	26%	96.5%	97.3%
SAU802094	BAN101414	26%	95.6%	97.8%
SAU802094	BAN108931	27%	97.4%	96.1%
SAU802094	CJU100408	21%	95.6%	98.2%
SAU802094	EFA200784	26%	96.5%	99.1%
SAU802094	HIN100338	21%	93.4%	98.6%
SAU802094	HPY101269	22%	93.9%	98.6%
SAU802094	KPN303112	22%	93.4%	94.4%
SAU802094	LMO101829	24%	90.0%	89.7%
SAU802094	PMU101264	21%	95.2%	99.5%
SAU802094	SAU802094	100%	100%	100%
SAU802094	SEP201895	62%	100%	100%
SAU802094	SHA100805	62%	99.6%	99.6%
SAU802094	SPN400634	26%	96.9%	92.2%
SAU802098	ABA101324	50%	91.8%	95.8%
SAU802098	BAN112058	68%	61.0%	98.9%
SAU802098	BAN101529	66%	97.9%	99.3%
SAU802098	BFR100706	45%	97.9%	30.8%
SAU802098	BPT101129	47%	96.6%	97.4%
SAU802098	BCE105358	46%	94.5%	91.0%
SAU802098	BFU107782	44%	95.2%	91.0%
SAU802098	BFU105730	46%	94.5%	90.9%
SAU802098	BMA107929	45%	95.2%	91.6%
SAU802098	CJU100245	40%	96.6%	99.3%
SAU802098	CPN200094	47%	97.3%	94.8%
SAU802098	CTR200808	46%	95.2%	92.8%
SAU802098	CAC102008	52%	91.8%	95.0%
SAU802098	CBO103374	61%	97.3%	98.6%
SAU802098	CDF104046	51%	26.7%	97.5%
SAU802098	CDF101479	59%	58.9%	96.6%
SAU802098	CDF100018	61%	82.9%	100%
SAU802098	EBC103090	60%	30.8%	60%
SAU802098	EBC100023	56%	45.2%	65.7%
SAU802098	EBC100020	56%	45.2%	65.7%
SAU802098	EFA203430	53%	91.8%	95.0%
SAU802098	EFM202041	61%	91.8%	96.4%
SAU802098	ECO100180	46%	91.1%	89.4%
SAU802098	HIN101039	45%	94.5%	93.9%
SAU802098	HPY101356	39%	98.6%	94.3%
SAU802098	KPN301913	46%	91.1%	89.4%
SAU802098	LPN101746	44%	89.7%	92.4%
SAU802098	LMO100873	61%	97.3%	98.6%
SAU802098	MCA100038	43%	95.2%	81.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802098	NGO100839	53%	84.9%	84.6%
SAU802098	NME200083	53%	84.9%	84.6%
SAU802098	PMU101995	49%	94.5%	91.4%
SAU802098	PRT101246	48%	91.1%	78.5%
SAU802098	PAE203643	46%	94.5%	97.3%
SAU802098	PPU101164	45%	94.5%	97.3%
SAU802098	PSY104344	46%	94.5%	97.3%
SAU802098	SPA100773	46%	91.1%	89.4%
SAU802098	STY103910	46%	91.1%	89.4%
SAU802098	STM103593	46%	91.1%	89.4%
SAU802098	SAU802098	100%	100%	100%
SAU802098	SEP204192	93%	98.6%	99.3%
SAU802098	SHA100083	91%	39.0%	98.3%
SAU802098	SMU100534	53%	95.2%	98.6%
SAU802098	SPN400384	56%	95.2%	98.6%
SAU802098	SPY201345	55%	93.2%	97.1%
SAU802098	VCH102215	46%	91.1%	88.2%
SAU802098	YPS001148	47%	91.1%	74.6%
SAU802099	SAU802099	100%	100%	100%
SAU802100	ABA104194	50%	93.7%	85.4%
SAU802100	BAN100780	56%	95.3%	83.1%
SAU802100	BAN104280	61%	94.8%	83.2%
SAU802100	BPT102115	49%	95.8%	86.3%
SAU802100	BFU102916	50%	95.0%	79.5%
SAU802100	BMA104589	52%	58.2%	93.3%
SAU802100	CJU100797	46%	93.7%	85.2%
SAU802100	CPN200175	39%	88.5%	74.2%
SAU802100	CTR200730	39%	91.4%	79.4%
SAU802100	CAC103585	46%	96.1%	87.6%
SAU802100	CBO100954	51%	93.7%	85.4%
SAU802100	CDF100485	56%	34.7%	100%
SAU802100	CDF102163	58%	54.6%	97.4%
SAU802100	CDP101476	44%	93.5%	84.7%
SAU802100	EFA201611	58%	94.8%	83.8%
SAU802100	EFM201945	58%	94.8%	83.6%
SAU802100	HIN101057	48%	95.0%	85.6%
SAU802100	KPN103684	47%	95.0%	86.4%
SAU802100	LPN103006	49%	93.7%	85.1%
SAU802100	LMO101018	60%	94.8%	83.7%
SAU802100	MCA100762	48%	93.7%	85.2%
SAU802100	MAV106518	45%	51.4%	98.0%
SAU802100	MBV100208	43%	93.5%	84.7%
SAU802100	MLP100716	43%	93.5%	84.7%
SAU802100	MTU201298	43%	93.5%	84.7%
SAU802100	NME200242	49%	95.0%	86.3%
SAU802100	PMU100180	48%	95.0%	85.4%
SAU802100	PPU109849	49%	93.7%	85.3%
SAU802100	SPA100963	47%	41.8%	99.4%
SAU802100	SAU802100	100%	100%	100%
SAU802100	SEP202410	88%	94.8%	86.2%
SAU802100	SHA101060	86%	88.0%	100%
SAU802100	SMU100515	55%	93.7%	85.1%
SAU802100	SPN401779	56%	93.7%	84.3%
SAU802100	SPY200561	56%	93.7%	85.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802100	VCH102478	50%	48.8%	93.3%
SAU802105	ABA102336	55%	95.0%	94.9%
SAU802105	BAN102895	65%	100%	100%
SAU802105	BAN104850	79%	100%	100%
SAU802105	BFR12383	55%	95.8%	95.8%
SAU802105	BPT102265	60%	98.8%	99.2%
SAU802105	BCE113271	58%	99.0%	99.4%
SAU802105	BFU111824	59%	99.0%	99.4%
SAU802105	BMA104609	58%	99.0%	99.4%
SAU802105	CJU100094	64%	98.6%	99.2%
SAU802105	CAC101220	64%	100%	99.8%
SAU802105	CBO103759	63%	99.2%	99.2%
SAU802105	CDF103688	67%	99.2%	99.2%
SAU802105	CDP100092	55%	100%	92.6%
SAU802105	EBC104234	53%	99.4%	99.8%
SAU802105	EFA201608	72%	99.4%	96.3%
SAU802105	EFM200643	72%	99.2%	96.1%
SAU802105	ECO103655	54%	96.2%	96.3%
SAU802105	HIN100461	57%	96.8%	96.9%
SAU802105	HPY101117	60%	99.2%	99.4%
SAU802105	KPN301117	54%	96.2%	96.9%
SAU802105	LPN101363	62%	74.1%	99.2%
SAU802105	LMO102357	77%	100%	99.6%
SAU802105	MCA100632	57%	98.2%	98.4%
SAU802105	MAV106522	58%	99.4%	91.9%
SAU802105	MBV105525	57%	99.4%	92.7%
SAU802105	MLP100709	57%	99.4%	91.2%
SAU802105	MTU201291	57%	99.4%	92.7%
SAU802105	MGE100413	55%	91.6%	88.8%
SAU802105	MPN100242	56%	91.6%	88.8%
SAU802105	NGO101344	57%	99.4%	99.4%
SAU802105	NME200481	57%	99.4%	99.4%
SAU802105	PMU101492	55%	96.8%	96.9%
SAU802105	PRT105365	55%	95.4%	95.5%
SAU802105	PAE205551	56%	95.8%	95.7%
SAU802105	PPU103565	56%	95.8%	95.7%
SAU802105	PSY106861	59%	86.9%	95.9%
SAU802105	SPA103402	53%	42.2%	99.5%
SAU802105	STY103858	55%	96.2%	96.3%
SAU802105	SAU802105	100%	100%	100%
SAU802105	SEP201899	94%	100%	99.8%
SAU802105	SHA101055	94%	100%	100%
SAU802105	SMU101004	72%	98.6%	98.8%
SAU802105	SPN401361	72%	98.4%	98.6%
SAU802105	SPY200556	72%	98.8%	98.8%
SAU802105	UUR100131	57%	97.0%	61.0%
SAU802105	VCH102727	57%	96.2%	94.5%
SAU802105	YPS003553	55%	96.2%	96.3%
SAU802106	ABA105713	25%	97.2%	96.6%
SAU802106	BAN113283	31%	97.2%	96.1%
SAU802106	BPT104652	28%	94.4%	93.9%
SAU802106	BCE113381	29%	96.1%	95.5%
SAU802106	BFU106431	28%	96.1%	95.5%
SAU802106	BMA109247	28%	96.1%	95.5%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802106	CAC100509	20%	93.3%	92.7%
SAU802106	CBO103858	24%	93.3%	92.7%
SAU802106	CDF100340	24%	97.8%	96.7%
SAU802106	CDP100090	19%	91.1%	59.0%
SAU802106	EBC104237	27%	95.0%	94.4%
SAU802106	EFA203407	21%	95.5%	94.4%
SAU802106	EFM202376	21%	97.2%	96.1%
SAU802106	ECO103656	25%	95.0%	94.4%
SAU802106	HIN100462	23%	98.3%	97.7%
SAU802106	KPN301116	28%	95.0%	94.4%
SAU802106	LPN103596	27%	93.9%	93.3%
SAU802106	LMO101750	30%	97.8%	97.2%
SAU802106	MCA100631	24%	96.1%	95.6%
SAU802106	MGE100414	22%	95.5%	97.7%
SAU802106	MPN100241	20%	96.1%	97.2%
SAU802106	NGO103629	28%	93.9%	93.2%
SAU802106	NME200480	27%	93.9%	93.2%
SAU802106	PMU101491	22%	98.3%	97.7%
SAU802106	PRT104944	25%	93.9%	93.2%
SAU802106	PAE205552	23%	95.5%	94.9%
SAU802106	PPU103564	26%	66.5%	79.7%
SAU802106	PSY103436	24%	93.9%	96.5%
SAU802106	SPA103404	26%	95.0%	94.4%
SAU802106	STY107267	27%	95.0%	94.4%
SAU802106	SAU802106	100%	100%	100%
SAU802106	SEP201900	64%	100%	100%
SAU802106	SHA101054	58%	100%	100%
SAU802106	SMU101006	21%	96.6%	96.1%
SAU802106	SPN401362	24%	93.3%	92.7%
SAU802106	SPY200555	22%	90.5%	89.9%
SAU802106	UUR100133	19%	96.6%	96.6%
SAU802106	VCH102728	23%	95.5%	94.9%
SAU802106	YPS003556	24%	95.0%	94.4%
SAU802107	ABA102339	24%	84.4%	93.6%
SAU802107	BAN100824	42%	94.8%	96.4%
SAU802107	BAN112818	42%	94.8%	96.4%
SAU802107	BFR102691	28%	87.3%	92.1%
SAU802107	BPT104649	23%	84.4%	93.6%
SAU802107	BCE107096	24%	83.8%	99.3%
SAU802107	BFU106432	24%	86.7%	96.2%
SAU802107	BMA103063	24%	83.8%	99.3%
SAU802107	CJU100091	20%	74.6%	91.5%
SAU802107	CPN200676	36%	41.6%	35.1%
SAU802107	CAC100986	31%	87.9%	95.6%
SAU802107	CBO100440	29%	87.3%	95.0%
SAU802107	CDF103938	31%	91.3%	91.8%
SAU802107	CDP100088	25%	93.1%	83.5%
SAU802107	EBC105501	28%	86.7%	96.2%
SAU802107	EFA203406	35%	88.4%	86.9%
SAU802107	EFM201470	34%	96.0%	95.4%
SAU802107	ECO103657	26%	86.7%	96.2%
SAU802107	HIN100463	23%	86.7%	96.2%
SAU802107	HPY201061	21%	66.5%	72.2%
SAU802107	KPN306143	28%	42.8%	45.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802107	LPN102324	21%	89.0%	60.7%
SAU802107	LMO102155	35%	94.8%	95.3%
SAU802107	MCA100630	25%	84.4%	94.2%
SAU802107	MAV106520	21%	79.2%	77.0%
SAU802107	MBV105523	21%	86.7%	33.9%
SAU802107	MLP100708	24%	86.7%	33.9%
SAU802107	MTU201290	21%	86.7%	33.9%
SAU802107	MGE100415	25%	85.5%	71.2%
SAU802107	MPN100240	25%	85.5%	71.5%
SAU802107	NGO103626	24%	86.7%	96.2%
SAU802107	NME200479	24%	86.7%	96.2%
SAU802107	PMU101490	23%	86.7%	96.2%
SAU802107	PRT106151	26%	86.7%	96.2%
SAU802107	PAE205553	26%	86.7%	96.2%
SAU802107	PPU112306	26%	86.7%	96.2%
SAU802107	PSY103435	25%	86.7%	96.2%
SAU802107	SPA103406	27%	86.7%	96.2%
SAU802107	STY107265	27%	86.7%	96.2%
SAU802107	SAU802107	100%	100%	100%
SAU802107	SEP201901	82%	100%	100%
SAU802107	SHA101818	86%	49.7%	100%
SAU802107	SMU101008	36%	91.3%	95.8%
SAU802107	SPN401363	31%	89.0%	93.9%
SAU802107	SPY200554	35%	89.0%	93.9%
SAU802107	UUR100134	28%	85.5%	72.2%
SAU802107	YPS003559	26%	86.7%	96.2%
SAU802109	ABA102343	30%	77.3%	71.1%
SAU802109	BAN101337	53%	12.4%	65.2%
SAU802109	BAN109723	66%	12.4%	83.3%
SAU802109	BAN111963	55%	56.6%	94.4%
SAU802109	BAN106879	55%	93.4%	95.4%
SAU802109	BFR102190	27%	87.6%	59.3%
SAU802109	BPT104642	29%	96.3%	89.1%
SAU802109	BCE101199	27%	94.2%	89.0%
SAU802109	BFU111209	26%	97.5%	93.1%
SAU802109	BFU108338	27%	90.1%	83.5%
SAU802109	BMA102656	26%	97.9%	65.9%
SAU802109	CJU101129	25%	90.9%	91.2%
SAU802109	CAC101894	26%	96.7%	95.9%
SAU802109	CBO100509	33%	100%	100%
SAU802109	CDF102803	31%	89.7%	92.7%
SAU802109	CDP100087	32%	92.6%	74.7%
SAU802109	EBC104246	32%	99.2%	88.6%
SAU802109	EFA203403	50%	93.0%	94.6%
SAU802109	EFM200212	49%	93.0%	94.6%
SAU802109	ECO103659	34%	85.5%	80.4%
SAU802109	HIN100465	32%	87.2%	85.5%
SAU802109	HPY100815	26%	87.6%	87.2%
SAU802109	KPN301113	34%	85.5%	80.4%
SAU802109	LPN100590	35%	64.9%	59.6%
SAU802109	LMO102867	58%	100%	100%
SAU802109	MCA100628	30%	83.5%	77.5%
SAU802109	MAV106517	36%	92.1%	88.5%
SAU802109	MBV105517	35%	92.1%	89.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802109	MLP100705	35%	94.2%	91.2%
SAU802109	MTU201287	35%	92.1%	89.6%
SAU802109	MGE100417	22%	94.6%	81.5%
SAU802109	MPN100238	25%	94.6%	81.2%
SAU802109	NGO101341	27%	94.2%	86.1%
SAU802109	NME200477	28%	94.2%	86.1%
SAU802109	PMU101488	31%	89.3%	86.7%
SAU802109	PRT105765	32%	93.0%	84.7%
SAU802109	PAE205555	28%	89.3%	82.0%
SAU802109	PPU103681	28%	86.8%	92.8%
SAU802109	PSY103433	27%	86.4%	79.6%
SAU802109	SPA103408	32%	97.9%	87.5%
SAU802109	STY103856	32%	97.9%	87.5%
SAU802109	SAU802109	100%	100%	100%
SAU802109	SEP201902	87%	100%	100%
SAU802109	SHA100056	83%	100%	100%
SAU802109	SMU101010	40%	91.7%	91.6%
SAU802109	SPN401364	37%	91.7%	92.4%
SAU802109	SPY200553	36%	91.7%	92.4%
SAU802109	UUR100136	24%	100%	87.3%
SAU802109	VCH102731	30%	63.6%	60%
SAU802109	YPS000004	32%	97.9%	86.5%
SAU802111	ABA105452	42%	96.0%	98.7%
SAU802111	BAN106286	54%	19.7%	94.9%
SAU802111	BAN110258	39%	88.8%	92.9%
SAU802111	BAN112148	60%	96.8%	96.3%
SAU802111	BAN107002	60%	96.8%	98.4%
SAU802111	BFR104545	49%	95.5%	98.9%
SAU802111	BFR12295	46%	96.0%	99.5%
SAU802111	CJU101068	24%	77.9%	79.0%
SAU802111	CAC103461	52%	99.2%	97.9%
SAU802111	CAC103778	55%	97.9%	98.4%
SAU802111	CBO100630	53%	99.2%	94.7%
SAU802111	CDF100919	58%	95.5%	96.3%
SAU802111	EFA200201	60%	99.2%	98.2%
SAU802111	EFM201136	23%	97.3%	96.3%
SAU802111	KPN301893	50%	95.7%	98.1%
SAU802111	LMO102015	60%	99.2%	98.4%
SAU802111	NME200190	50%	94.7%	97.8%
SAU802111	PPU108280	48%	90.7%	96.1%
SAU802111	SAU802111	100%	100%	100%
SAU802111	SEP201903	72%	100%	98.4%
SAU802111	SHA100639	66%	99.7%	99.5%
SAU802111	SMU100328	56%	99.2%	97.9%
SAU802111	SPN300337	57%	95.5%	98.4%
SAU802111	VCH100901	50%	95.5%	98.9%
SAU802111	YPS001517	51%	95.7%	98.1%
SAU802112	ABA105256	52%	81.8%	97.7%
SAU802112	BAN112213	72%	100%	100%
SAU802112	BFR103881	33%	95.2%	94.5%
SAU802112	BPT100985	48%	98.1%	84.4%
SAU802112	BCE107019	56%	97.6%	94.4%
SAU802112	BFU100449	54%	64.6%	100%
SAU802112	BMA105302	56%	97.6%	94.4%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802112	CJU101210	47%	99.5%	99.5%
SAU802112	CTR200822	52%	99.5%	68.6%
SAU802112	CAC100474	70%	100%	100%
SAU802112	CBO100953	70%	100%	100%
SAU802112	CDF104480	66%	100%	100%
SAU802112	CDP100815	43%	99.0%	97.6%
SAU802112	EBC102719	51%	99.0%	99.5%
SAU802112	EFA201665	70%	100%	100%
SAU802112	EFM100705	72%	54.1%	100%
SAU802112	ECO102449	51%	99.0%	95.4%
SAU802112	HIN101200	52%	96.2%	96.6%
SAU802112	KPN309030	51%	99.0%	99.5%
SAU802112	LPN102459	60%	99.5%	97.2%
SAU802112	LMO102461	71%	100%	100%
SAU802112	MCA103555	52%	98.6%	95.8%
SAU802112	MAV100235	44%	97.6%	79.0%
SAU802112	MBV100852	44%	99.0%	99.5%
SAU802112	MTU203266	44%	99.0%	99.5%
SAU802112	MGE100030	46%	96.2%	97.1%
SAU802112	MPN100121	46%	84.7%	98.9%
SAU802112	NGO100075	50%	98.6%	99.0%
SAU802112	NME200908	50%	98.6%	99.0%
SAU802112	PMU100019	53%	96.2%	96.6%
SAU802112	PRT104353	53%	99.0%	99.5%
SAU802112	PAE204643	53%	98.6%	97.2%
SAU802112	PPU104022	53%	96.2%	94.8%
SAU802112	PSY102376	53%	96.2%	94.8%
SAU802112	SPA103099	50%	99.0%	98.6%
SAU802112	STY101654	51%	99.0%	99.5%
SAU802112	SAU802112	100%	100%	100%
SAU802112	SEP201904	94%	100%	100%
SAU802112	SHA100638	94%	100%	100%
SAU802112	SMU100374	70%	100%	100%
SAU802112	SPN400655	71%	100%	96.8%
SAU802112	SPY200285	70%	100%	100%
SAU802112	TPA100444	34%	42.1%	25%
SAU802112	UUR100115	54%	97.6%	98.6%
SAU802112	VCH102191	52%	99.0%	99.5%
SAU802112	YPS002584	52%	99.0%	99.5%
SAU802113	ABA104851	60%	99.0%	98.1%
SAU802113	BAN101706	68%	99.3%	99.3%
SAU802113	BAN109367	70%	99.8%	99.3%
SAU802113	BFR11177	57%	98.5%	99.3%
SAU802113	BPT102825	62%	98.1%	96.9%
SAU802113	BBU100600	55%	98.1%	99.5%
SAU802113	BCE107637	61%	99.8%	98.6%
SAU802113	BFU111760	56%	99.0%	97.4%
SAU802113	BMA102315	60%	99.8%	83.0%
SAU802113	CJU100370	55%	98.3%	97.6%
SAU802113	CPN200229	44%	97.3%	90.5%
SAU802113	CTR200706	44%	97.3%	90.5%
SAU802113	CAC101420	64%	99.3%	98.8%
SAU802113	CBO101302	65%	98.3%	97.3%
SAU802113	CDF100075	65%	17.7%	83.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802113	CDF100511	66%	99.3%	97.6%
SAU802113	CDP100921	54%	99.3%	96.0%
SAU802113	EBC100017	57%	27.4%	97.5%
SAU802113	EBC102113	57%	99.0%	97.6%
SAU802113	EFA201664	66%	99.8%	99.8%
SAU802113	EFM103325	62%	11.7%	95.9%
SAU802113	ECO102502	59%	99.0%	98.1%
SAU802113	HIN100869	57%	99.0%	97.9%
SAU802113	HPY100180	53%	99.8%	98.8%
SAU802113	KPN305968	58%	98.1%	97.1%
SAU802113	LPN101884	55%	50.2%	97.7%
SAU802113	LMO102513	70%	99.8%	99.3%
SAU802113	MCA101556	59%	98.3%	96.7%
SAU802113	MAV100777	56%	98.3%	95.8%
SAU802113	MBV106196	54%	99.0%	96.9%
SAU802113	MLP101190	53%	99.0%	96.5%
SAU802113	MTU200070	54%	99.0%	96.9%
SAU802113	MGE100406	54%	96.6%	97.0%
SAU802113	MPN100266	53%	97.6%	98.0%
SAU802113	NGO101181	60%	99.0%	97.8%
SAU802113	NME201154	60%	99.0%	97.8%
SAU802113	PMU100225	57%	99.0%	98.1%
SAU802113	PRT105514	56%	99.0%	98.1%
SAU802113	PAE204600	60%	99.0%	97.8%
SAU802113	PPU107530	60%	98.3%	97.4%
SAU802113	PSY105291	60%	99.0%	97.8%
SAU802113	SPA103023	55%	96.6%	96.2%
SAU802113	STY102040	58%	99.0%	98.1%
SAU802113	SAU802113	100%	100%	100%
SAU802113	SEP201905	87%	99.8%	99.8%
SAU802113	SHA100637	84%	100%	100%
SAU802113	SMU100311	59%	98.3%	96.7%
SAU802113	SPN400928	61%	98.3%	97.1%
SAU802113	SPY200872	60%	98.3%	97.1%
SAU802113	TPA100325	44%	93.4%	72.6%
SAU802113	VCH103010	61%	98.3%	94.0%
SAU802113	YPS003331	57%	99.0%	98.1%
SAU802118	ABA105579	53%	97.8%	96.4%
SAU802118	BAN113068	61%	94.7%	99.1%
SAU802118	BAN100929	65%	98.0%	99.2%
SAU802118	BFR11151	45%	98.3%	97.6%
SAU802118	BPT101750	50%	99.2%	98.3%
SAU802118	BBU100195	47%	98.0%	98.6%
SAU802118	BCE108751	49%	98.9%	98.1%
SAU802118	BFU107325	50%	98.9%	98.1%
SAU802118	BMA103540	50%	99.7%	98.9%
SAU802118	CJU101518	54%	98.0%	98.6%
SAU802118	CPN200648	51%	91.9%	94.7%
SAU802118	CTR200287	52%	92.5%	93.0%
SAU802118	CAC101625	54%	99.2%	99.2%
SAU802118	CBO100481	57%	98.6%	98.9%
SAU802118	CDF101347	58%	97.8%	99.2%
SAU802118	CDP100071	47%	96.6%	97.2%
SAU802118	EBC100920	56%	68.7%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802118	EFA201655	63%	99.4%	100%
SAU802118	EFM200375	61%	99.4%	100%
SAU802118	ECO101184	50%	98.9%	98.1%
SAU802118	HIN101530	51%	98.0%	97.0%
SAU802118	HPY100075	51%	96.4%	97.7%
SAU802118	KPN303478	50%	98.9%	98.1%
SAU802118	LPN101572	54%	96.1%	95.3%
SAU802118	LMO101439	64%	99.2%	99.4%
SAU802118	MCA100127	55%	96.4%	95.8%
SAU802118	MAV106507	42%	97.2%	97.8%
SAU802118	MBV105506	40%	97.2%	97.8%
SAU802118	MLP100700	40%	97.5%	98.1%
SAU802118	MTU201282	40%	97.2%	97.8%
SAU802118	MGE100263	48%	98.3%	97.5%
SAU802118	MPN100475	47%	97.8%	96.9%
SAU802118	NGO100540	53%	99.2%	98.9%
SAU802118	NME201794	53%	99.2%	98.9%
SAU802118	PMU100555	51%	98.9%	98.1%
SAU802118	PRT101055	52%	98.0%	97.2%
SAU802118	PAE204662	52%	99.2%	98.9%
SAU802118	PPU109700	52%	99.2%	98.9%
SAU802118	PSY102423	50%	98.6%	98.3%
SAU802118	SPA100352	44%	98.9%	98.0%
SAU802118	STY101661	50%	98.9%	98.1%
SAU802118	SAU802118	100%	100%	100%
SAU802118	SEP201909	93%	100%	100%
SAU802118	SHA100601	90%	100%	100%
SAU802118	SMU100318	58%	98.9%	99.2%
SAU802118	SPN400924	58%	98.9%	99.2%
SAU802118	SPY200868	57%	99.2%	99.4%
SAU802118	TPA100050	46%	96.6%	98.9%
SAU802118	UUR100003	52%	92.5%	92.2%
SAU802118	VCH102146	52%	98.6%	97.8%
SAU802118	YPS003258	51%	98.0%	97.2%
SAU802119	BAN102071	61%	84.9%	97.7%
SAU802119	BAN101436	63%	95.0%	97.4%
SAU802119	BFR10775	46%	91.5%	87.9%
SAU802119	BBU100790	26%	83.9%	52.3%
SAU802119	CAC102314	60%	95.0%	96.9%
SAU802119	CBO102085	60%	95.0%	99.0%
SAU802119	EBC100656	29%	86.4%	76.3%
SAU802119	EFA201653	28%	92.5%	95.9%
SAU802119	EFM201540	27%	86.9%	90.7%
SAU802119	ECO101209	29%	86.4%	86.3%
SAU802119	HIN100508	29%	86.4%	91.7%
SAU802119	KPN300816	29%	86.4%	86.3%
SAU802119	LPN103251	27%	86.4%	85.2%
SAU802119	LMO102848	29%	88.9%	94.8%
SAU802119	MGE100034	46%	90.5%	83.1%
SAU802119	MPN100110	47%	89.9%	91.1%
SAU802119	PMU101236	29%	86.4%	92.2%
SAU802119	PRT105114	28%	92.5%	95.5%
SAU802119	SPA100526	30%	86.4%	87.2%
SAU802119	STY102989	30%	86.4%	86.3%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802119	SAU802119	100%	100%	100%
SAU802119	SEP201910	86%	100%	100%
SAU802119	SHA100600	84%	100%	100%
SAU802119	SMU100321	27%	88.9%	91.8%
SAU802119	SPN400922	26%	92.5%	94.0%
SAU802119	SPY200867	29%	86.9%	93.1%
SAU802119	UUR100601	44%	91.5%	83.4%
SAU802119	VCH101148	27%	86.4%	92.2%
SAU802119	YPS000765	27%	86.4%	90.3%
SAU802120	ABA103769	50%	92.9%	91.7%
SAU802120	BAN113559	70%	96.4%	100%
SAU802120	BAN104117	72%	96.4%	100%
SAU802120	BFR11933	43%	94.0%	95.2%
SAU802120	BPT100219	50%	92.9%	61.6%
SAU802120	BBU100228	47%	92.9%	96.3%
SAU802120	BCE110175	49%	98.8%	95.3%
SAU802120	BFU100113	50%	97.6%	92.0%
SAU802120	BMA100597	49%	98.8%	94.3%
SAU802120	CJU100144	35%	96.4%	100%
SAU802120	CPN200649	52%	92.9%	70.6%
SAU802120	CTR200286	47%	92.9%	71.3%
SAU802120	CAC103101	36%	98.8%	98.6%
SAU802120	CBO102930	34%	100%	97.2%
SAU802120	CDF104012	37%	66.7%	79.2%
SAU802120	CDP100131	51%	94.0%	89.8%
SAU802120	EBC103974	49%	94.0%	90.7%
SAU802120	EFA201303	70%	100%	94.4%
SAU802120	ECO100288	46%	94.0%	89.7%
SAU802120	HIN100738	41%	97.6%	97.1%
SAU802120	HPY100544	40%	96.4%	100%
SAU802120	KPN303881	48%	48.8%	71.9%
SAU802120	LMO100203	74%	96.4%	100%
SAU802120	MCA100984	53%	94.0%	90.7%
SAU802120	MAV106531	35%	94.0%	82.5%
SAU802120	MBV105505	34%	94.0%	82.5%
SAU802120	MLP100699	34%	94.0%	78.6%
SAU802120	MTU201281	34%	94.0%	82.5%
SAU802120	MGE100262	28%	92.9%	68.0%
SAU802120	MPN100476	28%	92.9%	68.0%
SAU802120	NGO101307	52%	52.4%	80%
SAU802120	NME201050	45%	92.9%	87.9%
SAU802120	PMU100220	46%	94.0%	90.9%
SAU802120	PRT104831	51%	94.0%	95.1%
SAU802120	PAE203599	51%	92.9%	89.7%
SAU802120	PPU102065	35%	95.2%	93.0%
SAU802120	PSY107166	46%	92.9%	83.9%
SAU802120	SPA100819	45%	94.0%	90.7%
SAU802120	STY104986	46%	94.0%	90.7%
SAU802120	STM100496	46%	94.0%	90.7%
SAU802120	SAU802120	100%	100%	100%
SAU802120	SEP204230	95%	100%	98.8%
SAU802120	SHA102245	81%	65.5%	100%
SAU802120	SMU100284	70%	96.4%	100%
SAU802120	SPN401176	70%	96.4%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802120	SPY200525	67%	100%	96.5%
SAU802120	TPA100252	28%	96.4%	98.5%
SAU802120	VCH100862	50%	94.0%	91.8%
SAU802120	YPS001792	48%	94.0%	90.7%
SAU802121	ABA100304	49%	91.6%	97.1%
SAU802121	BAN105100	51%	94.7%	97.6%
SAU802121	BAN113042	66%	94.7%	97.9%
SAU802121	BFR103103	54%	84.2%	55.7%
SAU802121	BPT100264	51%	91.6%	97.1%
SAU802121	BBU100229	53%	87.4%	74.8%
SAU802121	BCE104048	50%	92.9%	98.1%
SAU802121	BFU105309	51%	90.0%	94.4%
SAU802121	BMA101995	50%	92.9%	98.1%
SAU802121	CJU101081	51%	94.1%	97.7%
SAU802121	CPN200135	53%	91.8%	87.3%
SAU802121	CTR200767	53%	91.3%	96.2%
SAU802121	CAC102868	58%	82.6%	75.4%
SAU802121	CBO103912	55%	96.1%	87.1%
SAU802121	CDF100058	61%	76.7%	67.6%
SAU802121	CDP100068	53%	82.9%	54.4%
SAU802121	EBC103271	59%	60.3%	100%
SAU802121	EFA201306	65%	92.0%	93.7%
SAU802121	ECO103697	52%	93.2%	98.6%
SAU802121	HIN100281	53%	93.2%	98.6%
SAU802121	HPY100543	51%	95.9%	96.6%
SAU802121	KPN301899	53%	86.1%	95%
SAU802121	LMO101598	66%	92.9%	96.7%
SAU802121	MCA100009	40%	42.5%	96.4%
SAU802121	MAV106530	54%	82.6%	61.6%
SAU802121	MBV105502	52%	86.5%	64.0%
SAU802121	MLP100698	51%	86.5%	63.1%
SAU802121	MTU201280	52%	86.5%	64.0%
SAU802121	NGO100759	52%	91.3%	96.7%
SAU802121	NME200762	52%	91.3%	96.7%
SAU802121	PMU101920	52%	93.2%	98.6%
SAU802121	PRT102841	52%	93.2%	98.6%
SAU802121	PAE205234	53%	91.6%	96.9%
SAU802121	PPU100260	52%	90.4%	99.5%
SAU802121	PSY100590	52%	91.6%	96.9%
SAU802121	SPA103748	52%	93.2%	98.6%
SAU802121	STY102102	52%	93.2%	98.6%
SAU802121	STM101036	52%	93.2%	98.6%
SAU802121	SAU802121	100%	100%	100%
SAU802121	SEP201911	95%	100%	100%
SAU802121	SHA100146	94%	99.1%	96.0%
SAU802121	TPA100251	53%	89.0%	75.5%
SAU802121	VCH100303	52%	92.9%	98.3%
SAU802121	YPS001531	51%	93.2%	98.6%
SAU802124	BAN108367	44%	84.2%	83.4%
SAU802124	BAN107764	59%	98.8%	96.7%
SAU802124	BFR11634	34%	97.1%	98.2%
SAU802124	BBU100471	34%	97.1%	94.1%
SAU802124	BCE107676	42%	91.9%	98.2%
SAU802124	CAC102006	50%	98.3%	98.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802124	CBO103182	53%	97.6%	97.6%
SAU802124	EBC101214	42%	97.4%	97.6%
SAU802124	EFA201309	54%	97.6%	95.6%
SAU802124	ECO103119	42%	97.4%	97.6%
SAU802124	HPY100640	40%	98.1%	98.3%
SAU802124	KPN301069	42%	97.4%	97.6%
SAU802124	LMO102733	57%	97.1%	96.2%
SAU802124	MAV102894	37%	52.7%	98.2%
SAU802124	NGO102024	43%	97.6%	98.1%
SAU802124	PRT100966	42%	97.4%	97.4%
SAU802124	PAE204448	44%	97.1%	97.6%
SAU802124	PSY104793	43%	90.7%	98.7%
SAU802124	SPA100481	39%	43.9%	96.9%
SAU802124	STY101491	43%	97.4%	97.6%
SAU802124	SAU802124	100%	100%	100%
SAU802124	SEP201914	85%	100%	100%
SAU802124	SHA101919	83%	100%	100%
SAU802124	SMU101064	51%	97.6%	98.1%
SAU802124	SPN400989	52%	97.6%	98.1%
SAU802124	SPY201041	52%	97.6%	98.1%
SAU802124	TPA100028	31%	98.1%	98.8%
SAU802124	YPS002303	43%	97.4%	97.6%
SAU802125	ABA100914	33%	99.7%	95.4%
SAU802125	BAN112047	72%	97.2%	100%
SAU802125	BAN107884	76%	99.7%	100%
SAU802125	BFR11934	38%	98.6%	96.7%
SAU802125	BPT102002	38%	99.7%	92.9%
SAU802125	BBU100444	26%	94.8%	93.0%
SAU802125	BCE111090	35%	97.9%	92.8%
SAU802125	BFU111409	34%	99.7%	92.7%
SAU802125	BMA102172	35%	97.9%	92.8%
SAU802125	CJU100558	26%	95.1%	93.2%
SAU802125	CAC101944	53%	99.0%	99.7%
SAU802125	CBO101028	43%	96.9%	96.8%
SAU802125	CDF100408	44%	99.3%	99.6%
SAU802125	CDF101639	43%	99.7%	97.9%
SAU802125	CDP101376	30%	92.7%	92.4%
SAU802125	EBC104459	41%	99.7%	100%
SAU802125	EFA201312	48%	99.7%	100%
SAU802125	EFM201171	39%	96.2%	94.8%
SAU802125	ECO102055	42%	99.7%	99.3%
SAU802125	HIN100503	26%	93.0%	91.4%
SAU802125	HPY100173	43%	98.6%	99.3%
SAU802125	KPN306125	51%	98.6%	99.3%
SAU802125	LMO100774	65%	99.7%	100%
SAU802125	MCA100353	34%	99.7%	95.4%
SAU802125	MBV102190	27%	92.7%	92.4%
SAU802125	MLP100198	29%	92.7%	92.2%
SAU802125	MTU200362	27%	92.7%	92.4%
SAU802125	MGE100023	44%	99.0%	99.7%
SAU802125	MPN100129	45%	99.0%	99.7%
SAU802125	NGO101574	35%	99.7%	92.9%
SAU802125	NME200544	35%	99.7%	92.9%
SAU802125	PMU101373	37%	99.7%	98.0%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802125	PRT102752	40%	96.9%	97.2%
SAU802125	PAE200554	34%	99.7%	92.9%
SAU802125	PPU104672	34%	99.7%	94.3%
SAU802125	PSY100210	34%	99.7%	92.9%
SAU802125	SPA103912	43%	97.9%	98.2%
SAU802125	STY100942	43%	97.9%	98.2%
SAU802125	STM101386	43%	97.9%	98.2%
SAU802125	SAU802125	100%	100%	100%
SAU802125	SEP201915	95%	100%	100%
SAU802125	SHA101918	93%	100%	100%
SAU802125	SMU101408	45%	99.7%	100%
SAU802125	SPN400530	44%	99.7%	100%
SAU802125	SPY201455	45%	99.7%	100%
SAU802125	TPA100654	39%	99.0%	97.6%
SAU802125	UUR100603	43%	99.7%	99.3%
SAU802125	VCH100473	26%	89.5%	88.5%
SAU802125	YPS000084	41%	99.3%	99.6%
SAU802130	BAN113149	31%	46.8%	97.0%
SAU802130	BAN107309	36%	97.8%	95.7%
SAU802130	EFA202449	23%	54.7%	10.6%
SAU802130	PSY101953	20%	63.7%	37.3%
SAU802130	SAU802130	100%	100%	100%
SAU802130	SEP201922	75%	99.3%	97.4%
SAU802130	SHA102983	77%	99.3%	99.6%
SAU802133	BAN111842	44%	37.3%	96.7%
SAU802133	BAN109593	58%	49.7%	92.9%
SAU802133	BAN105036	53%	99.2%	97.8%
SAU802133	CAC101783	22%	97.7%	99.5%
SAU802133	CBO102190	27%	97.0%	96.9%
SAU802133	CDF101111	30%	96.7%	93.6%
SAU802133	CDF101575	35%	93.1%	94.2%
SAU802133	CDF100587	38%	97.0%	98.2%
SAU802133	EBC100570	34%	66.5%	63.3%
SAU802133	EFM202575	45%	98.7%	96.6%
SAU802133	ECO101308	33%	66.0%	57.4%
SAU802133	KPN304546	31%	67.0%	58.2%
SAU802133	MAV100227	33%	99.0%	97.2%
SAU802133	MBV100846	33%	95.4%	95.2%
SAU802133	MTU203263	33%	95.4%	95.2%
SAU802133	SAU802133	100%	100%	100%
SAU802133	SEP201928	85%	100%	100%
SAU802133	SHA101910	86%	100%	100%
SAU802137	BAN109977	64%	91.8%	100%
SAU802137	BAN102250	66%	95.9%	95.1%
SAU802137	BFR12234	34%	70.9%	55.4%
SAU802137	BCE105592	55%	57.7%	98.4%
SAU802137	BFU103022	31%	68.6%	47.6%
SAU802137	BFU108762	30%	72.3%	50%
SAU802137	BMA104956	36%	92.3%	81.2%
SAU802137	CAC100384	63%	95.9%	98.6%
SAU802137	CBO100256	58%	96.4%	100%
SAU802137	CDF100310	48%	98.2%	97.7%
SAU802137	CDP101627	45%	95.9%	95.9%
SAU802137	EBC103572	32%	92.7%	84.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802137	EFA202355	63%	96.8%	97.3%
SAU802137	EFM201549	62%	96.8%	97.3%
SAU802137	ECO104267	34%	92.7%	83.8%
SAU802137	HIN101089	55%	96.4%	94.6%
SAU802137	KPN308783	35%	92.7%	83.1%
SAU802137	LPN101764	30%	81.8%	72.8%
SAU802137	LMO101987	64%	96.8%	96.0%
SAU802137	MAV103921	45%	48.6%	96.6%
SAU802137	MBV102346	45%	95.9%	95.1%
SAU802137	MLP101461	42%	95.9%	95.1%
SAU802137	MTU200476	45%	95.9%	95.1%
SAU802137	MGE100050	45%	95.9%	94.2%
SAU802137	MPN100091	46%	95.5%	93.3%
SAU802137	PMU101343	55%	96.4%	94.6%
SAU802137	PRT101388	53%	98.6%	98.2%
SAU802137	PAE201382	27%	51.4%	20.5%
SAU802137	PSY100190	32%	76.8%	68.3%
SAU802137	SPA100057	34%	70.5%	83.5%
SAU802137	STY104584	32%	93.2%	82.3%
SAU802137	STM100357	33%	92.7%	81.9%
SAU802137	SAU800138	97%	100%	100%
SAU802137	SAU802137	100%	100%	100%
SAU802137	SEP201938	78%	100%	100%
SAU802137	SHA101905	84%	100%	100%
SAU802137	SMU100919	60%	100%	100%
SAU802137	SPN400745	59%	100%	100%
SAU802137	SPY201436	45%	97.7%	96.0%
SAU802137	TPA100261	41%	93.6%	95.4%
SAU802137	UUR100592	46%	93.2%	95.3%
SAU802137	VCH102315	34%	86.4%	78.0%
SAU802137	YPS001140	53%	97.7%	96.4%
SAU802139	BAN113297	49%	96.6%	98.6%
SAU802139	BAN110089	51%	97.3%	97.9%
SAU802139	BFR12031	33%	82.3%	87.7%
SAU802139	BPT102735	32%	95.2%	75.3%
SAU802139	BBU100689	25%	93.2%	73.5%
SAU802139	BCE107273	33%	98.6%	89.5%
SAU802139	BFU102626	31%	98.6%	67.1%
SAU802139	BMA103777	32%	98.6%	89.5%
SAU802139	CJU101443	27%	95.2%	94.6%
SAU802139	CDP100814	28%	98.6%	90.1%
SAU802139	EBC100875	22%	97.3%	84.4%
SAU802139	EFA200810	28%	92.5%	89.0%
SAU802139	EFA200155	34%	91.8%	88.4%
SAU802139	EFM200208	33%	48.3%	72.4%
SAU802139	ECO100788	23%	97.3%	84.4%
SAU802139	HIN101315	32%	94.6%	86.9%
SAU802139	HPY100239	32%	96.6%	97.2%
SAU802139	KPN300031	20%	78.9%	87.0%
SAU802139	KPN303559	20%	97.3%	84.4%
SAU802139	LMO102910	43%	98.0%	93.6%
SAU802139	MAV101663	24%	92.5%	74.7%
SAU802139	PMU100817	34%	95.9%	88.7%
SAU802139	PRT106088	23%	92.5%	74.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802139	PAE200961	31%	95.9%	90.4%
SAU802139	PPU108680	30%	98.0%	91.7%
SAU802139	PSY105983	33%	98.0%	91.7%
SAU802139	SPA101972	23%	97.3%	84.4%
SAU802139	STY102376	23%	97.3%	84.4%
SAU802139	SAU802139	100%	100%	100%
SAU802139	SEP201942	84%	99.3%	98.6%
SAU802139	SHA101903	84%	98.0%	98.6%
SAU802139	SMU100064	33%	92.5%	78.9%
SAU802139	SPN401429	35%	92.5%	77.0%
SAU802139	SPY201180	33%	91.2%	77.7%
SAU802139	TPA101028	29%	95.2%	79.7%
SAU802139	VCH100138	29%	98.6%	92.9%
SAU802139	YPS000339	23%	93.2%	80.8%
SAU802152	BFR101055	28%	97.9%	98.5%
SAU802152	HPY100644	26%	43.5%	59.4%
SAU802152	SAU802152	100%	100%	100%
SAU802152	SEP201959	69%	99.3%	99.3%
SAU802152	SHA102869	66%	74.0%	99.5%
SAU802152	SPN401123	26%	100%	99.6%
SAU802154	ABA103622	43%	100%	100%
SAU802154	BAN106917	49%	100%	100%
SAU802154	BAN102903	70%	100%	100%
SAU802154	BFR105590	56%	8.2%	33.6%
SAU802154	BPT101720	40%	100%	100%
SAU802154	BCE109254	39%	100%	100%
SAU802154	BFU109440	44%	17.5%	77.9%
SAU802154	BFU103182	40%	100%	100%
SAU802154	BMA102722	39%	100%	100%
SAU802154	CJU101290	36%	100%	100%
SAU802154	CPN200876	38%	100%	100%
SAU802154	CTR200198	38%	100%	100%
SAU802154	CAC103586	45%	100%	100%
SAU802154	CBO102655	43%	100%	100%
SAU802154	CDF100284	44%	100%	100%
SAU802154	CDP100523	40%	96.2%	100%
SAU802154	EBC104245	41%	100%	100%
SAU802154	EFA201749	58%	100%	100%
SAU802154	EFM200906	23%	55.6%	94.0%
SAU802154	ECO103650	41%	100%	100%
SAU802154	HIN100409	39%	100%	100%
SAU802154	HPY101510	37%	100%	100%
SAU802154	KPN300721	40%	100%	100%
SAU802154	LPN102850	38%	100%	100%
SAU802154	LMO101794	65%	100%	100%
SAU802154	MCA103570	37%	100%	100%
SAU802154	MAV105640	40%	100%	96.1%
SAU802154	MBV101159	39%	97.2%	100%
SAU802154	MLP100237	39%	100%	100%
SAU802154	MTU203389	39%	100%	100%
SAU802154	NGO101887	38%	100%	100%
SAU802154	NME200260	38%	100%	100%
SAU802154	PMU101731	39%	100%	100%
SAU802154	PRT104794	42%	100%	100%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802154	PAE205544	42%	100%	100%
SAU802154	PPU102151	43%	100%	100%
SAU802154	PSY103460	42%	100%	100%
SAU802154	SPA101582	38%	100%	100%
SAU802154	STY103864	41%	100%	100%
SAU802154	STM100312	19%	55.9%	94.3%
SAU802154	SAU802154	100%	100%	100%
SAU802154	SEP201962	89%	100%	100%
SAU802154	SHA100979	88%	100%	100%
SAU802154	SMU101007	56%	100%	100%
SAU802154	SPN400245	57%	100%	100%
SAU802154	SPY200983	57%	100%	100%
SAU802154	TPA100852	37%	100%	100%
SAU802154	VCH100482	39%	100%	100%
SAU802154	YPS003544	41%	100%	100%
SAU802158	CAC102954	48%	97.9%	97.3%
SAU802158	CDF104113	44%	100%	99.3%
SAU802158	EBC101475	39%	91.0%	35.1%
SAU802158	EFA201285	44%	93.8%	95.9%
SAU802158	EFM202400	44%	90.3%	92.4%
SAU802158	ECO102128	42%	81.9%	31.6%
SAU802158	HIN100428	40%	89.6%	26.1%
SAU802158	KPN102504	38%	88.9%	67.9%
SAU802158	MPN100189	28%	89.6%	90.2%
SAU802158	PAE100175	41%	84.7%	33.2%
SAU802158	SAU802158	100%	100%	100%
SAU802158	SMU101001	38%	96.5%	98.6%
SAU802158	SPN400358	40%	93.1%	95.2%
SAU802158	YPS001090	36%	92.4%	35.5%
SAU802159	ABA105269	26%	40.5%	44.3%
SAU802159	BCE113957	28%	38.0%	40.6%
SAU802159	BFU102350	25%	56.8%	49.4%
SAU802159	BMA101585	27%	59.5%	47.8%
SAU802159	CAC102601	36%	96.5%	95.3%
SAU802159	CDF104333	39%	98.6%	97.9%
SAU802159	EBC103811	37%	99.5%	98.7%
SAU802159	EFA201284	42%	96.2%	94.8%
SAU802159	EFM200126	42%	96.2%	95.0%
SAU802159	ECO103522	37%	99.7%	99.7%
SAU802159	KPN305795	38%	99.2%	98.4%
SAU802159	MAV108334	28%	58.7%	49.9%
SAU802159	MPN100190	24%	92.1%	90.7%
SAU802159	PMU101062	38%	99.7%	99.2%
SAU802159	PAE202340	24%	45.7%	38.5%
SAU802159	PSY101120	27%	47.6%	39.8%
SAU802159	SPA103111	37%	99.5%	99.5%
SAU802159	STY100406	38%	99.5%	99.5%
SAU802159	STM104137	38%	99.5%	99.5%
SAU802159	SAU802159	100%	100%	100%
SAU802159	SMU100999	41%	99.5%	99.2%
SAU802159	SPN400359	39%	97.8%	98.7%
SAU802159	VCH103762	41%	98.1%	96.1%
SAU802159	YPS003325	37%	99.7%	98.4%
SAU802160	BFR11305	19%	46.2%	73.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802160	BFU115165	25%	6.6%	67.1%
SAU802160	BFU101113	21%	70.6%	97.6%
SAU802160	BMA106913	27%	1.5%	75.4%
SAU802160	EFA200160	23%	20.0%	68.3%
SAU802160	KPN107267	19%	31.6%	61.3%
SAU802160	LMO102026	20%	13.1%	47.4%
SAU802160	MAV105337	19%	21.6%	59.6%
SAU802160	MBV105545	20%	6.9%	59.3%
SAU802160	MLP100688	20%	28.7%	82.7%
SAU802160	MTU201261	20%	6.9%	59.3%
SAU802160	MGE100398	17%	20.0%	48.3%
SAU802160	NME200837	20%	64.2%	38.7%
SAU802160	PPU102763	36%	4.8%	9.4%
SAU802160	PSY104388	20%	7.7%	76.4%
SAU802160	SAU802160	100%	100%	100%
SAU802160	SHA100633	25%	86.9%	70.1%
SAU802160	SHA100651	34%	50.7%	55.8%
SAU802160	SHA101424	30%	35.6%	99.9%
SAU802160	SHA101983	30%	88.4%	10.3%
SAU802160	SPN400581	18%	36.0%	23.2%
SAU802160	SPN401042	20%	6.4%	26.2%
SAU802160	SPY200538	21%	77.2%	47.8%
SAU802161	ABA104792	42%	98.2%	98.7%
SAU802161	BAN112515	62%	76.9%	76.2%
SAU802161	BAN107998	67%	99.8%	100%
SAU802161	BFR11957	24%	96.9%	97.6%
SAU802161	BPT101024	41%	97.3%	98.2%
SAU802161	BCE111154	40%	94.7%	97.9%
SAU802161	BFU108542	38%	64.1%	87.1%
SAU802161	BMA109028	41%	98.0%	98.5%
SAU802161	CJU100328	37%	98.0%	98.0%
SAU802161	CPN200877	43%	98.9%	97.6%
SAU802161	CTR200197	44%	98.4%	96.9%
SAU802161	CAC102696	49%	98.9%	99.6%
SAU802161	CBO100852	48%	99.1%	98.9%
SAU802161	CDF100285	51%	98.7%	95.1%
SAU802161	CDP100049	49%	98.2%	98.7%
SAU802161	EBC102674	45%	98.0%	98.7%
SAU802161	EFA201741	61%	99.8%	100%
SAU802161	EFM202621	25%	93.1%	92.2%
SAU802161	ECO103106	44%	98.0%	98.7%
SAU802161	HIN101431	47%	98.0%	98.4%
SAU802161	HIN101303	47%	98.0%	98.4%
SAU802161	HPY100073	38%	97.3%	98.2%
SAU802161	KPN300882	45%	69.4%	98.4%
SAU802161	LPN103638	45%	97.3%	95.6%
SAU802161	LMO100393	66%	99.8%	99.8%
SAU802161	MCA101170	40%	98.4%	99.1%
SAU802161	MAV103417	48%	98.2%	99.1%
SAU802161	MBV101154	47%	98.2%	99.1%
SAU802161	MLP100234	48%	98.2%	95.2%
SAU802161	MTU203394	47%	98.2%	99.1%
SAU802161	NGO100553	43%	97.8%	98.4%
SAU802161	NME201798	43%	97.8%	98.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802161	PMU100440	47%	98.0%	98.6%
SAU802161	PRT100621	47%	98.0%	98.4%
SAU802161	PAE204745	45%	98.2%	98.7%
SAU802161	PPU108507	45%	97.8%	98.2%
SAU802161	PSY104836	44%	98.2%	98.4%
SAU802161	SPA100515	46%	58.1%	98.5%
SAU802161	STY101478	44%	98.0%	98.7%
SAU802161	SAU802161	100%	100%	100%
SAU802161	SEP201964	92%	100%	100%
SAU802161	SHA100977	88%	99.8%	100%
SAU802161	SMU100302	59%	99.6%	100%
SAU802161	SPN401416	60%	99.8%	100%
SAU802161	SPY200785	60%	99.8%	99.8%
SAU802161	TPA100409	39%	19.3%	13.4%
SAU802161	VCH100627	43%	98.2%	98.4%
SAU802161	YPS001055	45%	98.0%	98.4%
SAU802162	BAN107590	24%	98.1%	66.4%
SAU802162	BAN101871	27%	100%	62.1%
SAU802162	CAC101443	24%	97.7%	74.2%
SAU802162	CBO101794	26%	78.7%	57.7%
SAU802162	CDF103998	23%	97.4%	74.3%
SAU802162	EFA201739	26%	92.6%	74.7%
SAU802162	EFM101102	22%	91.6%	73.5%
SAU802162	LMO100488	34%	41.9%	96.9%
SAU802162	MBV101680	34%	13.9%	12.6%
SAU802162	MTU200828	34%	13.9%	12.6%
SAU802162	NME104849	21%	74.8%	44.1%
SAU802162	SAU802162	100%	100%	100%
SAU802162	SEP201966	70%	100%	99.7%
SAU802162	SHA100469	69%	71.6%	100%
SAU802162	SMU100303	27%	91.0%	89.9%
SAU802162	SPN401417	22%	68.4%	83.4%
SAU802162	SPY200784	23%	93.2%	92.5%
SAU802170	ABA101286	32%	88.6%	93.9%
SAU802170	BAN111561	26%	30.3%	94.5%
SAU802170	BAN110295	30%	88.6%	92.2%
SAU802170	BFR103995	34%	88.2%	95.4%
SAU802170	BBU100117	26%	99.6%	98.7%
SAU802170	BCE107682	31%	86.8%	96.1%
SAU802170	BFU103494	28%	86.8%	96.1%
SAU802170	BMA100077	24%	40.8%	93.1%
SAU802170	CAC102285	35%	89.0%	95.7%
SAU802170	CBO101117	37%	89.0%	94.4%
SAU802170	CDF103680	31%	89.0%	96.3%
SAU802170	CDP100520	24%	83.3%	84.8%
SAU802170	EBC102963	34%	89.9%	93.6%
SAU802170	EFA201192	35%	87.7%	93.1%
SAU802170	EFM100507	33%	87.7%	93.1%
SAU802170	ECO102835	32%	89.9%	93.6%
SAU802170	KPN303348	32%	89.9%	93.6%
SAU802170	LMO101419	31%	92.1%	99.5%
SAU802170	MAV100786	31%	81.1%	56.2%
SAU802170	MBV104176	27%	86.0%	91.7%
SAU802170	MTU201073	27%	86.0%	91.7%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802170	NGO101498	32%	74.6%	83.2%
SAU802170	NME201751	32%	74.6%	83.2%
SAU802170	PRT102034	30%	36.8%	25.6%
SAU802170	PAE204828	32%	87.3%	96.1%
SAU802170	PPU109350	32%	89.5%	98.5%
SAU802170	PSY103607	34%	71.9%	99.4%
SAU802170	SPA102067	35%	89.0%	94.9%
SAU802170	STY104155	34%	89.9%	93.6%
SAU802170	SAU802170	100%	100%	100%
SAU802170	SEP201988	82%	99.6%	100%
SAU802170	SHA100595	85%	99.6%	100%
SAU802170	SMU100942	54%	93.9%	97.7%
SAU802170	SPN401319	55%	90.4%	95.3%
SAU802170	SPY200885	54%	93.9%	98.6%
SAU802170	TPA101027	38%	88.2%	85.3%
SAU802170	VCH100040	35%	89.5%	94.9%
SAU802170	YPS000173	33%	89.5%	87.6%
SAU802171	CPN200994	30%	97.5%	84.8%
SAU802171	CTR200088	30%	99.0%	86.4%
SAU802171	CAC100688	25%	22.8%	34.9%
SAU802171	EFM202390	26%	22.3%	47.6%
SAU802171	SAU802171	100%	100%	100%
SAU802171	SEP201990	77%	100%	100%
SAU802171	SHA100594	69%	100%	100%
SAU802176	BFR10841	33%	30.9%	98.2%
SAU802176	BFR12085	27%	56.6%	88.4%
SAU802176	BFR102986	27%	93.9%	97.9%
SAU802176	BFR100727	28%	91.8%	96.4%
SAU802176	ECO203932	33%	94.2%	99.4%
SAU802176	KPN103323	29%	88.9%	96.3%
SAU802176	PRT101434	33%	91.3%	96.7%
SAU802176	PSY102146	33%	82.2%	86.6%
SAU802176	SAU802176	100%	100%	100%
SAU802176	SEP202002	72%	100%	100%
SAU802176	SHA100066	71%	100%	100%
SAU802176	SPN400935	35%	94.5%	96.8%
SAU802176	YPS002673	34%	90.7%	94.9%
SAU802177	BAN107236	33%	74.0%	92.0%
SAU802177	BAN102502	33%	88.7%	90.4%
SAU802177	BCE100353	25%	78.3%	75.7%
SAU802177	BFU107408	25%	86.9%	79.7%
SAU802177	BMA101385	44%	29.1%	23.9%
SAU802177	EBC103345	37%	86.2%	89.3%
SAU802177	ECO104179	36%	86.2%	88.7%
SAU802177	KPN304212	25%	76.5%	81.1%
SAU802177	PMU100131	36%	88.4%	92.6%
SAU802177	PSY102144	36%	87.2%	91.6%
SAU802177	SPA100028	29%	33.6%	99.1%
SAU802177	STY103490	26%	73.7%	78.4%
SAU802177	STM103176	26%	73.7%	78.4%
SAU802177	SAU802177	100%	100%	100%
SAU802177	SEP202004	72%	100%	98.8%
SAU802177	SHA100119	69%	52.3%	100%
SAU802177	SPN200521	31%	51.4%	88.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802177	VCH100200	25%	86.2%	85.6%
SAU802181	PRT104884	25%	60.6%	62.1%
SAU802181	STM104876	23%	10.2%	38.1%
SAU802181	SAU802181	100%	100%	100%
SAU802181	SEP202012	59%	100%	99.8%
SAU802181	SHA102033	56%	97.7%	98.2%
SAU802183	CBO101399	36%	67.1%	57.6%
SAU802183	EFA203038	29%	77.2%	96.8%
SAU802183	EFM200451	42%	58.2%	75.8%
SAU802183	SAU802183	100%	100%	100%
SAU802183	SEP202016	83%	100%	100%
SAU802183	SHA102688	77%	100%	100%
SAU802183	SPN401622	30%	58.2%	82.1%
SAU802183	SPY200972	36%	77.2%	98.4%
SAU802184	ABA104072	23%	64.6%	95.9%
SAU802184	EFA202511	27%	70.2%	70.4%
SAU802184	MBV100432	45%	17.4%	20.8%
SAU802184	MTU202703	45%	17.4%	20.8%
SAU802184	SAU802184	100%	100%	100%
SAU802184	SEP202018	86%	100%	100%
SAU802184	SHA102031	85%	100%	100%
SAU802186	ABA104325	41%	99.7%	99.4%
SAU802186	BAN104489	40%	23.9%	96.4%
SAU802186	BAN104922	50%	55.2%	98.9%
SAU802186	BAN107319	41%	99.4%	99.7%
SAU802186	BPT100756	31%	59.7%	60.2%
SAU802186	BCE108257	44%	99.7%	94.1%
SAU802186	BFU114209	43%	99.4%	98.5%
SAU802186	BMA103723	26%	91.3%	73.9%
SAU802186	CDP101649	25%	94.3%	95.9%
SAU802186	EBC103573	39%	91.9%	92.5%
SAU802186	EFA202428	31%	83.9%	83.5%
SAU802186	EFM202451	41%	99.7%	96.8%
SAU802186	ECO103945	33%	54.6%	54.4%
SAU802186	KPN306077	40%	91.9%	91.3%
SAU802186	LPN102544	36%	99.7%	98.5%
SAU802186	LMO100089	44%	99.4%	98.8%
SAU802186	MAV101562	32%	55.8%	55.2%
SAU802186	MBV100928	35%	54.3%	54.3%
SAU802186	MLP100086	26%	53.7%	52.1%
SAU802186	MTU201433	35%	54.3%	54.3%
SAU802186	PRT101880	34%	53.7%	53.5%
SAU802186	PAE203565	37%	99.4%	99.1%
SAU802186	PPU100559	38%	99.4%	98.5%
SAU802186	PSY102165	37%	99.4%	99.1%
SAU802186	SAU802186	100%	100%	100%
SAU802186	SEP202019	65%	100%	99.7%
SAU802186	SHA102028	69%	100%	99.7%
SAU802186	SMU100802	27%	71.9%	76.1%
SAU802186	VCH100542	27%	92.5%	86.1%
SAU802186	YPS000359	27%	91.9%	89.9%
SAU802187	ABA101379	44%	34.5%	82.7%
SAU802187	BCE113538	43%	98.8%	97.3%
SAU802187	BFU101504	42%	98.8%	97.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802187	BMA105219	45%	98.8%	96.5%
SAU802187	EBC101789	47%	74.5%	93.9%
SAU802187	ECO101420	45%	99.1%	89.1%
SAU802187	KPN304015	48%	96.1%	94.2%
SAU802187	MAV106640	39%	100%	98.8%
SAU802187	MBV104295	23%	80.8%	14.5%
SAU802187	MTU403167	23%	80.8%	20.7%
SAU802187	PMU101940	21%	56.2%	78.0%
SAU802187	PAE202195	44%	98.8%	96.8%
SAU802187	PPU103733	43%	99.4%	97.7%
SAU802187	PSY104709	46%	83.8%	99.6%
SAU802187	SPA100754	43%	99.7%	96.3%
SAU802187	STY103772	43%	99.7%	97.7%
SAU802187	SAU802187	100%	100%	100%
SAU802187	SEP202022	72%	99.4%	99.1%
SAU802189	BFU102156	34%	96.0%	75.9%
SAU802189	CAC101421	57%	98.5%	97.3%
SAU802189	EBC104273	32%	97.7%	98.2%
SAU802189	EFM201273	59%	98.9%	99.1%
SAU802189	KPN304023	38%	97.4%	98.0%
SAU802189	LMO102257	38%	97.9%	97.4%
SAU802189	SPA103555	32%	98.9%	98.9%
SAU802189	STY104414	33%	98.9%	98.9%
SAU802189	STM100091	32%	98.9%	98.9%
SAU802189	SAU802189	100%	100%	100%
SAU802189	SEP202028	93%	100%	100%
SAU802189	SHA102024	91%	99.6%	99.8%
SAU802189	SMU100441	82%	99.8%	98.7%
SAU802189	SPN401068	81%	99.8%	99.8%
SAU802189	SPY201475	83%	100%	100%
SAU802190	BAN109819	30%	70.4%	95.7%
SAU802190	BAN102068	32%	72.1%	95.3%
SAU802190	CAC103704	53%	98.6%	98.8%
SAU802190	CBO100029	30%	70.2%	90.9%
SAU802190	CDF101451	31%	73.3%	95.9%
SAU802190	EBC100969	35%	71.6%	95.4%
SAU802190	EFA201919	32%	74.7%	99.3%
SAU802190	EFM200856	55%	99.6%	100%
SAU802190	ECO101705	26%	75.8%	99.8%
SAU802190	KPN307137	33%	74.4%	95.5%
SAU802190	LPN103127	29%	10%	9.9%
SAU802190	LMO102762	28%	73.0%	95.7%
SAU802190	PRT105426	24%	69.1%	98.1%
SAU802190	SPA103123	26%	75.8%	99.8%
SAU802190	STY101186	26%	75.8%	99.8%
SAU802190	STM103427	26%	75.8%	99.8%
SAU802190	SAU802190	100%	100%	100%
SAU802190	SEP202030	80%	99.8%	100%
SAU802190	SHA102023	82%	98.6%	100%
SAU802190	SMU100447	76%	99.8%	100%
SAU802190	SPN401069	73%	99.6%	100%
SAU802190	SPY201476	75%	99.8%	100%
SAU802190	VCH101263	33%	73.5%	93.9%
SAU802190	YPS001429	25%	75.6%	98.7%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802191	BAN110520	38%	89.3%	86.0%
SAU802191	BAN108150	38%	89.3%	86.8%
SAU802191	BAN100622	41%	82.5%	97.7%
SAU802191	BAN112662	39%	89.3%	86.0%
SAU802191	BAN106129	36%	96.1%	94.3%
SAU802191	CAC103163	54%	99.0%	98.1%
SAU802191	CBO103254	42%	87.4%	91.8%
SAU802191	CDF101623	36%	79.6%	70.1%
SAU802191	CDF101453	43%	95.1%	93.1%
SAU802191	EBC103915	33%	96.1%	94.3%
SAU802191	EFA202140	37%	87.4%	84.9%
SAU802191	EFM201537	45%	99.0%	97.1%
SAU802191	ECO101704	34%	96.1%	85.3%
SAU802191	KPN306848	43%	94.2%	91.3%
SAU802191	LMO102156	40%	86.4%	89%
SAU802191	PRT104730	32%	96.1%	86.1%
SAU802191	SPA103124	32%	96.1%	86.1%
SAU802191	STY101178	31%	96.1%	86.1%
SAU802191	STM103428	32%	96.1%	86.1%
SAU802191	SAU802191	100%	100%	100%
SAU802191	SEP202032	74%	100%	99.0%
SAU802191	SHA102022	82%	99.0%	98.1%
SAU802191	SMU100449	75%	100%	99.0%
SAU802191	SPN401070	82%	100%	98.1%
SAU802191	SPY201477	76%	100%	98.1%
SAU802191	VCH101264	34%	94.2%	87.4%
SAU802191	YPS001431	34%	87.4%	78.3%
SAU802192	ABA105994	27%	29.1%	41.8%
SAU802192	BMA106286	27%	38.3%	13.2%
SAU802192	EFA200527	64%	96.9%	95.2%
SAU802192	EFM200718	60%	98.8%	97.0%
SAU802192	ECO103787	24%	84.7%	87.7%
SAU802192	LMO100537	55%	96.9%	93.2%
SAU802192	PAE202357	26%	31.3%	27.7%
SAU802192	PAE202352	34%	18.7%	16.0%
SAU802192	PPU105679	32%	18.7%	16.3%
SAU802192	PSY104152	31%	18.7%	16.3%
SAU802192	SPA103925	25%	84.7%	87.7%
SAU802192	STY103378	25%	84.7%	87.7%
SAU802192	SAU802192	100%	100%	100%
SAU802192	SEP202034	90%	99.7%	100%
SAU802192	SHA102021	91%	99.7%	100%
SAU802192	SMU101449	72%	99.7%	98.8%
SAU802192	SPN401072	75%	99.7%	99.7%
SAU802192	SPY201309	70%	95.1%	95.4%
SAU802192	SPY201478	73%	98.8%	98.2%
SAU802194	BAN108863	32%	84.8%	98.6%
SAU802194	BFR11814	33%	79.5%	94.4%
SAU802194	BMA104191	30%	90.6%	96.3%
SAU802194	CJU100855	34%	74.9%	86.9%
SAU802194	CAC100548	62%	98.8%	98.3%
SAU802194	CBO103215	43%	80.1%	94.5%
SAU802194	CDF103094	39%	86.5%	99.3%
SAU802194	CDF102622	39%	84.8%	96.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802194	CDP101246	39%	70.8%	84.7%
SAU802194	EFA200479	74%	100%	100%
SAU802194	ECO103984	38%	80.7%	92.6%
SAU802194	KPN204541	33%	86.0%	96.7%
SAU802194	LMO101140	40%	83.0%	97.3%
SAU802194	MAV102295	31%	90.1%	96.2%
SAU802194	MBV101530	33%	86.5%	93.7%
SAU802194	MLP100915	32%	90.1%	94.4%
SAU802194	MTU202429	33%	86.5%	92.0%
SAU802194	PMU101645	34%	85.4%	96.0%
SAU802194	PRT105715	26%	73.7%	78.5%
SAU802194	SAU802194	100%	100%	100%
SAU802194	SEP202038	82%	100%	100%
SAU802194	SHA102019	81%	100%	100%
SAU802194	SMU100454	80%	100%	100%
SAU802194	SPN401074	84%	100%	100%
SAU802194	SPY201310	84%	100%	100%
SAU802194	UUR100004	34%	86.5%	98.1%
SAU802194	YPS000070	34%	87.7%	99.3%
SAU802195	CAC101036	47%	99.3%	99.3%
SAU802195	EFA200477	60%	99.3%	99.3%
SAU802195	HPY100567	30%	97.2%	91.4%
SAU802195	KPN100143	29%	45.1%	87.7%
SAU802195	MGE100408	33%	95.8%	92.1%
SAU802195	MPN100247	32%	93.7%	89.5%
SAU802195	SAU802195	100%	100%	100%
SAU802195	SEP202039	78%	100%	100%
SAU802195	SHA102018	78%	100%	100%
SAU802195	SMU100455	76%	100%	100%
SAU802195	SPN401075	74%	99.3%	99.3%
SAU802195	SPY201481	73%	100%	100%
SAU802199	SAU802199	100%	100%	100%
SAU802200	BFR100129	38%	85.8%	91.7%
SAU802200	ECO200334	42%	95.0%	93.5%
SAU802200	KPN302330	40%	95.0%	94.5%
SAU802200	LPN102510	25%	80.1%	90.6%
SAU802200	LPN102953	28%	82.6%	91.8%
SAU802200	LMO101510	64%	100%	100%
SAU802200	SPA104129	40%	95.0%	94.5%
SAU802200	STY103649	41%	96.8%	96.9%
SAU802200	SAU802200	100%	100%	100%
SAU802200	SMU100871	51%	98.2%	99.3%
SAU802200	SPN401331	42%	90.8%	95%
SAU802200	YPS002514	56%	100%	95.3%
SAU802206	BAN105885	29%	99.1%	96.7%
SAU802206	BAN112573	36%	99.1%	92.1%
SAU802206	CAC103299	32%	99.1%	96.6%
SAU802206	CDP101034	33%	99.1%	94.3%
SAU802206	EFA200693	51%	98.3%	97.9%
SAU802206	EFM200265	53%	98.7%	98.3%
SAU802206	LMO101689	41%	99.1%	97.1%
SAU802206	PRT100919	32%	98.3%	82.7%
SAU802206	SAU802206	100%	100%	100%
SAU802206	SEP201253	81%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802206	SHA101838	77%	100%	100%
SAU802207	BAN108476	45%	98.7%	99.6%
SAU802207	BAN112629	56%	99.3%	97.9%
SAU802207	BCE111852	29%	89.7%	93.2%
SAU802207	BFU107623	31%	96.4%	96.9%
SAU802207	BMA102225	30%	96.4%	96.9%
SAU802207	CAC100215	35%	98.0%	95.4%
SAU802207	EBC100415	48%	53.4%	97.0%
SAU802207	EFA200703	64%	98.0%	98.5%
SAU802207	EFM202328	65%	99.8%	99.8%
SAU802207	KPN304223	45%	49.6%	95.9%
SAU802207	LMO102636	56%	98.7%	97.0%
SAU802207	MAV102134	29%	97.7%	94.7%
SAU802207	PRT100920	46%	96.8%	96.6%
SAU802207	PAE204177	32%	96.9%	97.3%
SAU802207	PPU111700	32%	97.8%	98.2%
SAU802207	PPU108615	32%	97.8%	98.2%
SAU802207	SAU802207	100%	100%	100%
SAU802207	SEP201255	87%	100%	100%
SAU802207	SHA101837	84%	100%	100%
SAU802207	SMU100357	62%	99.5%	99.1%
SAU802207	VCH101566	43%	97.1%	94.9%
SAU802217	ABA100673	49%	94.6%	96.1%
SAU802217	BAN112009	71%	100%	100%
SAU802217	BAN109246	73%	100%	100%
SAU802217	BFR11427	50%	93.1%	94.5%
SAU802217	BPT102858	51%	94.6%	94.6%
SAU802217	BBU100337	54%	94.6%	90.4%
SAU802217	BCE104886	50%	94.6%	94.6%
SAU802217	BFU103523	48%	94.6%	94.6%
SAU802217	BMA104857	49%	94.6%	94.6%
SAU802217	CJU101395	48%	93.8%	95.3%
SAU802217	CPN200506	51%	93.8%	91.8%
SAU802217	CTR200396	45%	93.8%	91.7%
SAU802217	CAC102494	68%	100%	100%
SAU802217	CBO103462	70%	100%	100%
SAU802217	CDF100063	66%	100%	100%
SAU802217	CDP100047	47%	93.1%	68.4%
SAU802217	EBC102179	50%	100%	100%
SAU802217	EFA200812	72%	100%	100%
SAU802217	EFM201820	73%	100%	100%
SAU802217	ECO103160	50%	100%	100%
SAU802217	HIN101411	49%	100%	100%
SAU802217	HPY100081	45%	93.8%	95.3%
SAU802217	KPN302005	50%	100%	100%
SAU802217	LPN102542	46%	96.9%	96.5%
SAU802217	LMO100441	73%	100%	100%
SAU802217	MCA100086	52%	94.6%	96.1%
SAU802217	MAV103416	50%	93.1%	72.9%
SAU802217	MBV101153	49%	93.1%	80.1%
SAU802217	MLP100233	52%	93.1%	79.1%
SAU802217	MTU203395	49%	93.1%	80.1%
SAU802217	MGE100427	50%	100%	100%
SAU802217	MPN100226	56%	100%	100%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802217	NGO102668	54%	96.2%	96.2%
SAU802217	NME200353	54%	96.2%	96.2%
SAU802217	PMU100521	52%	100%	100%
SAU802217	PRT100490	51%	100%	100%
SAU802217	PAE204430	50%	100%	100%
SAU802217	PPU105982	51%	100%	100%
SAU802217	PSY108021	50%	100%	100%
SAU802217	SPA100957	50%	100%	100%
SAU802217	STY101559	50%	100%	100%
SAU802217	SAU802217	100%	100%	100%
SAU802217	SEP202046	96%	100%	100%
SAU802217	SHA100041	98%	100%	100%
SAU802217	SMU101370	71%	100%	100%
SAU802217	SPN400272	70%	100%	100%
SAU802217	SPY201485	71%	100%	100%
SAU802217	TPA101014	55%	94.6%	95.3%
SAU802217	UUR100583	55%	97.7%	95.5%
SAU802217	VCH100561	50%	100%	100%
SAU802217	YPS002276	52%	100%	100%
SAU802218	ABA100676	53%	94.5%	96.5%
SAU802218	BAN101291	69%	100%	100%
SAU802218	BAN111521	69%	100%	100%
SAU802218	BFR11426	44%	97.2%	93.5%
SAU802218	BPT102861	52%	96.6%	98.6%
SAU802218	BBU100338	48%	93.1%	92.5%
SAU802218	BCE107311	54%	97.2%	80.1%
SAU802218	BFU103522	55%	97.2%	99.3%
SAU802218	BMA107182	55%	97.2%	78.8%
SAU802218	CJU101396	53%	91.7%	95.0%
SAU802218	CPN200505	48%	93.8%	91.9%
SAU802218	CTR200395	50%	89.0%	86.7%
SAU802218	CAC102148	48%	97.9%	98.6%
SAU802218	CBO103121	52%	99.3%	99.3%
SAU802218	CDF100062	46%	94.5%	95.8%
SAU802218	CDP100045	49%	97.2%	95.9%
SAU802218	EBC102180	58%	94.5%	96.5%
SAU802218	EFA200811	69%	95.2%	94.5%
SAU802218	EFM201491	69%	95.9%	79.0%
SAU802218	ECO103161	58%	94.5%	96.5%
SAU802218	HIN101412	56%	94.5%	96.5%
SAU802218	HPY100082	47%	91.7%	94.3%
SAU802218	KPN301994	56%	94.5%	96.5%
SAU802218	LPN102178	51%	97.2%	97.9%
SAU802218	LMO100177	70%	100%	100%
SAU802218	MCA103453	53%	98.6%	100%
SAU802218	MAV103415	48%	97.2%	95.9%
SAU802218	MBV101152	50%	97.2%	72.3%
SAU802218	MLP100232	46%	97.2%	95.9%
SAU802218	MTU203396	50%	97.2%	95.9%
SAU802218	MGE100428	38%	95.2%	95.9%
SAU802218	MPN100225	40%	95.2%	95.9%
SAU802218	NGO101071	55%	97.9%	99.3%
SAU802218	NME200352	55%	97.9%	99.3%
SAU802218	PMU100520	56%	94.5%	96.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802218	PRT100489	59%	94.5%	96.5%
SAU802218	PAE204431	55%	97.2%	99.3%
SAU802218	PPU105984	54%	97.2%	99.3%
SAU802218	PSY103838	58%	93.8%	95.8%
SAU802218	SPA100958	58%	94.5%	96.5%
SAU802218	STY101563	58%	94.5%	96.5%
SAU802218	SAU802218	100%	100%	100%
SAU802218	SEP202048	93%	100%	100%
SAU802218	SHA100040	89%	77.2%	100%
SAU802218	SMU101369	59%	99.3%	97.3%
SAU802218	SPN400271	64%	99.3%	97.3%
SAU802218	SPY201486	64%	99.3%	97.3%
SAU802218	TPA101015	46%	93.8%	95.8%
SAU802218	UUR100584	48%	90.3%	88.5%
SAU802218	VCH100560	57%	94.5%	96.5%
SAU802218	YPS002279	56%	94.5%	96.5%
SAU802221	BAN100298	34%	90.2%	97.1%
SAU802221	BAN111331	41%	95.5%	93.2%
SAU802221	CAC101129	31%	85.0%	99.2%
SAU802221	CAC103558	35%	87.8%	87.1%
SAU802221	CAC102762	38%	95.8%	95.5%
SAU802221	CBO103078	39%	99.7%	98.6%
SAU802221	CDF103575	38%	97.9%	97.2%
SAU802221	EFA201971	46%	90.6%	92.0%
SAU802221	EFM200592	43%	90.9%	90.0%
SAU802221	LMO100639	43%	94.8%	94.1%
SAU802221	MGE100183	39%	87.4%	82.2%
SAU802221	MPN100637	39%	87.4%	82.5%
SAU802221	SAU802221	100%	100%	100%
SAU802221	SEP202054	63%	100%	100%
SAU802221	SHA102409	44%	19.9%	92.1%
SAU802221	SHA103167	63%	14.3%	100%
SAU802221	SHA100340	65%	100%	100%
SAU802221	SMU101386	44%	97.9%	99.3%
SAU802221	SPN402022	44%	87.4%	89.2%
SAU802221	SPY201677	45%	88.5%	90%
SAU802221	UUR100544	43%	2.8%	30.0%
SAU802222	BAN102912	37%	92.6%	90.1%
SAU802222	BAN100224	50%	96.3%	88.3%
SAU802222	CAC103684	42%	89.2%	87.2%
SAU802222	CBO102095	42%	98.5%	97.2%
SAU802222	CDF103552	42%	92.6%	91.0%
SAU802222	EFA201972	52%	97.8%	96.4%
SAU802222	EFM200542	50%	97.8%	96.4%
SAU802222	KPN102440	34%	89.2%	90.2%
SAU802222	LMO101349	50%	98.1%	96.4%
SAU802222	MGE100182	43%	98.9%	96.0%
SAU802222	MPN100638	42%	99.3%	96.4%
SAU802222	SPA101594	32%	89.2%	88.6%
SAU802222	SAU802222	100%	100%	100%
SAU802222	SEP202056	63%	100%	100%
SAU802222	SHA101370	64%	69.9%	100%
SAU802222	SMU101388	47%	92.9%	86.6%
SAU802222	SPN402023	47%	98.1%	97.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802222	SPY201678	44%	100%	92.9%
SAU802222	UUR100545	47%	94.1%	85.7%
SAU802223	ABA100130	47%	96.7%	86.4%
SAU802223	BAN103288	73%	100%	100%
SAU802223	BAN102478	73%	100%	100%
SAU802223	BFR100896	43%	98.4%	68.3%
SAU802223	BPT100897	50%	99.2%	84.7%
SAU802223	BBU100502	36%	100%	91.1%
SAU802223	BCE109774	47%	99.2%	84.7%
SAU802223	BFU101597	48%	99.2%	85.4%
SAU802223	BMA104335	48%	99.2%	84.7%
SAU802223	CJU101502	45%	99.2%	94.9%
SAU802223	CPN200120	41%	96.7%	93.0%
SAU802223	CTR200782	40%	96.7%	93.0%
SAU802223	CAC100809	57%	99.2%	97.4%
SAU802223	CBO102497	59%	99.2%	98.2%
SAU802223	CDF102169	50%	98.4%	97.3%
SAU802223	CDP100024	44%	96.7%	68.8%
SAU802223	EBC103646	47%	97.5%	85.8%
SAU802223	EFA201974	65%	100%	99.2%
SAU802223	EFM201685	69%	100%	100%
SAU802223	ECO103217	47%	97.5%	85.8%
SAU802223	HIN100784	48%	97.5%	85.2%
SAU802223	HPY101274	46%	99.2%	95.7%
SAU802223	KPN300813	47%	97.5%	85.2%
SAU802223	LMO100340	66%	100%	100%
SAU802223	MCA100427	45%	96.7%	90.8%
SAU802223	MAV101006	44%	96.7%	74.0%
SAU802223	MBV100492	44%	96.7%	60%
SAU802223	MLP101193	42%	96.7%	63.5%
SAU802223	MTU203409	44%	96.7%	60%
SAU802223	MGE100181	35%	96.7%	92.7%
SAU802223	MPN100639	36%	95.9%	91.1%
SAU802223	NGO100883	50%	99.2%	91.0%
SAU802223	NME200096	49%	99.2%	91.0%
SAU802223	PMU101389	47%	97.5%	84.5%
SAU802223	PRT101773	46%	97.5%	85.2%
SAU802223	PAE204235	45%	97.5%	84.5%
SAU802223	PPU104535	47%	97.5%	85.2%
SAU802223	PSY105785	47%	97.5%	85.2%
SAU802223	SPA104312	47%	97.5%	85.8%
SAU802223	STY101829	47%	97.5%	85.8%
SAU802223	SAU802223	100%	100%	100%
SAU802223	SEP202058	95%	100%	100%
SAU802223	SHA100503	98%	100%	99.2%
SAU802223	SMU100584	65%	100%	100%
SAU802223	SPN400216	67%	100%	100%
SAU802223	SPY101855	67%	100%	100%
SAU802223	TPA100211	41%	99.2%	67.7%
SAU802223	UUR100260	41%	96.7%	95.8%
SAU802223	VCH102533	47%	97.5%	85.2%
SAU802223	YPS002494	47%	97.5%	84.5%
SAU802224	ABA100129	41%	93.3%	87.8%
SAU802224	BAN107601	56%	99.7%	100%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802224	BAN108468	78%	100%	100%
SAU802224	BFR10426	41%	98.1%	95.2%
SAU802224	BPT100896	41%	97.1%	93.3%
SAU802224	BBU100501	40%	97.8%	91.9%
SAU802224	BCE103299	40%	97.1%	93.8%
SAU802224	BFU101596	40%	97.1%	93.8%
SAU802224	BMA100053	41%	97.1%	93.8%
SAU802224	CJU101501	34%	94.6%	87.5%
SAU802224	CPN200119	39%	93.0%	79.8%
SAU802224	CTR200783	37%	93.0%	79.2%
SAU802224	CAC100456	62%	100%	99.7%
SAU802224	CBO100600	63%	100%	99.7%
SAU802224	CDF104551	63%	100%	99.1%
SAU802224	CDP100022	47%	93.9%	87.0%
SAU802224	EBC103650	42%	98.1%	93.6%
SAU802224	EFA201975	71%	100%	100%
SAU802224	EFM200465	70%	100%	100%
SAU802224	ECO103218	42%	98.1%	93.6%
SAU802224	HIN100783	42%	98.1%	93.6%
SAU802224	HPY101275	35%	91.1%	84.6%
SAU802224	KPN300703	44%	76.4%	95.7%
SAU802224	LMO100649	75%	100%	100%
SAU802224	MCA100426	45%	93.3%	88.0%
SAU802224	MAV101008	50%	92.4%	83.6%
SAU802224	MBV100494	48%	92.4%	83.6%
SAU802224	MLP101194	48%	92.4%	83.6%
SAU802224	MTU203410	48%	92.4%	83.6%
SAU802224	MGE100180	37%	93.0%	93.0%
SAU802224	MPN100640	34%	96.8%	96.9%
SAU802224	NGO100885	39%	98.1%	93.6%
SAU802224	NME200097	39%	98.1%	93.6%
SAU802224	PMU101390	42%	98.1%	93.6%
SAU802224	PRT101775	42%	98.1%	93.6%
SAU802224	PAE204236	42%	98.1%	92.2%
SAU802224	PPU104534	42%	98.1%	92.2%
SAU802224	PSY100281	40%	46.2%	86.6%
SAU802224	SPA104314	42%	98.1%	93.6%
SAU802224	STY101828	42%	98.1%	93.6%
SAU802224	SAU802224	100%	100%	100%
SAU802224	SEP202059	98%	100%	100%
SAU802224	SHA100502	98%	100%	100%
SAU802224	SMU100586	57%	99.7%	99.7%
SAU802224	SPN400215	58%	99.0%	99.4%
SAU802224	SPY200063	57%	99.7%	99.7%
SAU802224	TPA100210	36%	98.7%	91.5%
SAU802224	UUR100259	40%	95.2%	95.4%
SAU802224	VCH102534	42%	98.1%	93.6%
SAU802224	YPS002493	42%	98.1%	93.6%
SAU802225	ABA100127	60%	97.7%	98.4%
SAU802225	BAN102381	81%	100%	100%
SAU802225	BAN110714	86%	100%	100%
SAU802225	BFR10424	58%	100%	100%
SAU802225	BPT100894	64%	93.8%	91.0%
SAU802225	BBU100500	55%	99.2%	95.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802225	BCE109619	63%	93.8%	91.0%
SAU802225	BFU101594	65%	93.8%	90.3%
SAU802225	BMA109746	64%	93.8%	91.0%
SAU802225	CJU101499	59%	100%	100%
SAU802225	CPN200118	62%	99.2%	96.2%
SAU802225	CTR200784	64%	93.8%	91.7%
SAU802225	CAC100574	77%	98.4%	96.9%
SAU802225	CBO101814	76%	95.3%	93.2%
SAU802225	CDF101597	75%	98.4%	97.0%
SAU802225	CDP100018	67%	95.3%	91.8%
SAU802225	EBC103656	62%	100%	100%
SAU802225	EFA201976	85%	100%	100%
SAU802225	EFM200112	83%	100%	100%
SAU802225	ECO103220	62%	100%	100%
SAU802225	HIN100781	63%	100%	100%
SAU802225	HPY101277	60%	100%	100%
SAU802225	KPN300701	62%	100%	100%
SAU802225	LMO102707	84%	100%	100%
SAU802225	MCA100424	60%	100%	100%
SAU802225	MAV101012	66%	98.4%	92.0%
SAU802225	MBV100327	66%	99.2%	92.1%
SAU802225	MLP101196	66%	98.4%	92.0%
SAU802225	MTU203412	67%	99.2%	92.1%
SAU802225	MGE100179	41%	87.6%	86.3%
SAU802225	MPN100641	47%	92.2%	98.3%
SAU802225	NGO100889	60%	93.8%	92.4%
SAU802225	NME200099	60%	93.8%	92.4%
SAU802225	PMU101392	64%	100%	100%
SAU802225	PRT105644	62%	100%	100%
SAU802225	PAE204238	61%	100%	100%
SAU802225	PPU104532	62%	100%	100%
SAU802225	PSY106472	61%	100%	100%
SAU802225	SPA104318	60%	99.2%	100%
SAU802225	STY101826	62%	100%	100%
SAU802225	SAU802225	100%	100%	100%
SAU802225	SEP200240	99%	100%	100%
SAU802225	SHA100501	100%	100%	100%
SAU802225	SMU100588	84%	95.3%	96.9%
SAU802225	SPN400214	84%	95.3%	96.9%
SAU802225	SPY200062	85%	95.3%	96.9%
SAU802225	TPA100209	61%	96.1%	98.4%
SAU802225	UUR100258	56%	92.2%	98.3%
SAU802225	VCH102536	62%	100%	100%
SAU802225	YPS002491	62%	100%	100%
SAU802226	ABA100126	57%	95.9%	97.5%
SAU802226	BAN113421	85%	33.9%	100%
SAU802226	BAN112977	78%	100%	100%
SAU802226	BFR10423	66%	98.3%	95.2%
SAU802226	BPT100893	58%	100%	100%
SAU802226	BBU100499	55%	99.2%	96.8%
SAU802226	BCE106205	54%	100%	100%
SAU802226	BFU100384	55%	100%	100%
SAU802226	BMA110016	54%	100%	100%
SAU802226	CJU101498	59%	98.3%	99.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802226	CPN200117	54%	100%	100%
SAU802226	CTR200785	53%	100%	100%
SAU802226	CAC101837	66%	100%	99.2%
SAU802226	CBO102219	67%	100%	99.2%
SAU802226	CDF103596	65%	100%	99.2%
SAU802226	CDP100016	59%	100%	100%
SAU802226	EBC103659	53%	95.9%	98.3%
SAU802226	EFA201977	75%	100%	100%
SAU802226	EFM200415	75%	100%	100%
SAU802226	ECO103221	53%	95.9%	98.3%
SAU802226	HIN100780	51%	99.2%	98.4%
SAU802226	HPY101278	58%	98.3%	100%
SAU802226	KPN300700	51%	81.8%	98.0%
SAU802226	LMO102428	78%	100%	100%
SAU802226	MCA100423	58%	95.9%	98.3%
SAU802226	MAV101014	57%	100%	98.4%
SAU802226	MBV100329	54%	100%	98.4%
SAU802226	MLP101197	59%	100%	98.4%
SAU802226	MTU203413	54%	100%	98.4%
SAU802226	MGE100178	65%	99.2%	96.8%
SAU802226	MPN100642	65%	99.2%	96.8%
SAU802226	NGO100891	58%	99.2%	100%
SAU802226	NME200100	58%	99.2%	100%
SAU802226	PMU101393	55%	95.9%	98.3%
SAU802226	PRT100020	52%	88.4%	98.2%
SAU802226	PAE204239	60%	95.9%	98.3%
SAU802226	PPU104531	59%	95.9%	98.3%
SAU802226	PSY105783	60%	60.3%	96.1%
SAU802226	SPA104321	52%	95.9%	98.3%
SAU802226	STY101825	52%	95.9%	98.3%
SAU802226	SAU802226	100%	100%	100%
SAU802226	SEP200241	95%	100%	100%
SAU802226	SHA100500	95%	100%	100%
SAU802226	SMU100590	74%	100%	100%
SAU802226	SPN400213	73%	100%	100%
SAU802226	SPY200061	73%	100%	100%
SAU802226	TPA100208	61%	100%	100%
SAU802226	UUR100257	65%	99.2%	97.0%
SAU802226	VCH102537	53%	95.9%	98.3%
SAU802226	YPS002490	54%	95.9%	98.3%
SAU802227	ABA100104	63%	100%	100%
SAU802227	BPT104512	70%	100%	100%
SAU802227	BBU100498	80%	97.3%	92.3%
SAU802227	BCE112105	68%	100%	100%
SAU802227	BFU103878	68%	100%	100%
SAU802227	BMA103855	68%	100%	100%
SAU802227	CJU101497	78%	100%	100%
SAU802227	CAC101480	97%	100%	100%
SAU802227	CBO103541	94%	100%	97.4%
SAU802227	CDF103770	97%	100%	100%
SAU802227	EBC103975	52%	64.9%	54.3%
SAU802227	EFA203137	84%	100%	100%
SAU802227	EFM202440	84%	100%	100%
SAU802227	ECO103222	63%	100%	100%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802227	HIN100779	64%	100%	100%
SAU802227	HPY101279	70%	100%	100%
SAU802227	KPN202806	52%	64.9%	54.3%
SAU802227	LMO101459	91%	100%	100%
SAU802227	MCA102164	42%	86.5%	71.7%
SAU802227	MBV104764	72%	100%	100%
SAU802227	MLP101198	70%	100%	100%
SAU802227	MTU203414	72%	100%	100%
SAU802227	MGE100177	67%	100%	100%
SAU802227	MPN100643	70%	100%	100%
SAU802227	NGO101308	42%	97.3%	97.6%
SAU802227	NME200101	59%	100%	100%
SAU802227	PMU101394	64%	100%	100%
SAU802227	PRT103159	63%	100%	100%
SAU802227	PAE204240	63%	100%	100%
SAU802227	PSY103480	63%	100%	67.9%
SAU802227	SPA100818	52%	64.9%	54.3%
SAU802227	STY104823	63%	100%	100%
SAU802227	STM104443	52%	64.9%	54.3%
SAU802227	SAU802227	100%	100%	100%
SAU802227	SEP202480	97%	100%	100%
SAU802227	SHA100499	97%	100%	100%
SAU802227	SMU100592	84%	100%	100%
SAU802227	SPN400212	84%	100%	100%
SAU802227	SPY200060	84%	100%	100%
SAU802227	TPA100207	72%	100%	100%
SAU802227	UUR100256	70%	100%	100%
SAU802227	VCH102538	75%	100%	100%
SAU802227	YPS003891	65%	100%	100%
SAU802228	ABA102422	69%	94.4%	93.2%
SAU802228	BAN103338	88%	59.7%	100%
SAU802228	BFR100583	70%	100%	100%
SAU802228	BPT100892	68%	100%	100%
SAU802228	BBU100168	62%	97.2%	77.8%
SAU802228	BCE109557	66%	100%	100%
SAU802228	BFU100382	66%	100%	94.7%
SAU802228	BMA107769	65%	100%	100%
SAU802228	CJU101496	69%	100%	100%
SAU802228	CPN200690	54%	97.2%	95.9%
SAU802228	CTR200589	57%	97.2%	95.9%
SAU802228	CAC103209	77%	100%	100%
SAU802228	CBO100838	77%	100%	100%
SAU802228	CDF104286	80%	100%	100%
SAU802228	CDP100014	69%	100%	100%
SAU802228	EBC100928	72%	97.2%	97.2%
SAU802228	EFA205225	84%	100%	100%
SAU802228	EFM200666	83%	100%	100%
SAU802228	ECO100859	71%	97.2%	97.2%
SAU802228	HIN100527	71%	97.2%	83.3%
SAU802228	HPY101280	59%	100%	100%
SAU802228	KPN301361	70%	86.1%	96.9%
SAU802228	LPN102139	68%	100%	98.6%
SAU802228	LMO101112	83%	100%	100%
SAU802228	MCA100273	72%	97.2%	95.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802228	MAV101015	69%	100%	100%
SAU802228	MBV100332	69%	100%	100%
SAU802228	MLP101199	69%	100%	100%
SAU802228	MTU203415	69%	100%	100%
SAU802228	MGE100176	48%	94.4%	97.1%
SAU802228	MPN100644	53%	95.8%	88.5%
SAU802228	NGO100894	67%	97.2%	97.2%
SAU802228	NME200102	67%	97.2%	97.2%
SAU802228	PMU101031	70%	97.2%	97.2%
SAU802228	PRT101847	72%	97.2%	97.2%
SAU802228	PAE202617	71%	97.2%	97.2%
SAU802228	PPU110129	71%	97.2%	97.2%
SAU802228	PSY108380	71%	97.2%	97.2%
SAU802228	SPA101389	71%	97.2%	97.2%
SAU802228	STY102886	71%	97.2%	97.2%
SAU802228	SAU802228	100%	100%	100%
SAU802228	SEP200242	98%	100%	100%
SAU802228	SHA100498	98%	100%	98.6%
SAU802228	SMU100596	83%	100%	100%
SAU802228	SPN400211	81%	100%	80%
SAU802228	SPY200059	81%	100%	100%
SAU802228	TPA100096	58%	97.2%	97.2%
SAU802228	UUR100255	55%	100%	97.3%
SAU802228	VCH101709	75%	97.2%	97.2%
SAU802228	YPS003792	72%	97.2%	97.2%
SAU802229	ABA102578	49%	99.1%	99.5%
SAU802229	BAN108855	54%	98.6%	97.7%
SAU802229	BAN106781	64%	98.6%	97.7%
SAU802229	BFR10586	39%	100%	99.5%
SAU802229	BPT101280	48%	86.5%	83.5%
SAU802229	BBU100416	43%	98.6%	98.1%
SAU802229	BCE114693	54%	86.5%	82.7%
SAU802229	BFU106856	54%	86.5%	82.4%
SAU802229	BMA102106	54%	86.5%	82.7%
SAU802229	CJU100600	28%	97.2%	94.3%
SAU802229	CPN200508	34%	95.8%	94.4%
SAU802229	CTR200398	34%	97.7%	86.2%
SAU802229	CAC102891	53%	100%	100%
SAU802229	CBO103787	53%	98.6%	98.1%
SAU802229	CDF102350	56%	98.6%	95.9%
SAU802229	CDP100003	40%	98.6%	98.9%
SAU802229	EBC103984	47%	98.6%	99.5%
SAU802229	EFA201978	64%	99.1%	99.1%
SAU802229	EFM200623	62%	99.1%	99.5%
SAU802229	ECO100465	47%	98.6%	99.5%
SAU802229	HIN100331	51%	98.6%	99.5%
SAU802229	HPY100611	29%	95.3%	92.7%
SAU802229	KPN303865	47%	98.6%	99.5%
SAU802229	LPN102084	42%	99.1%	99.5%
SAU802229	LMO102187	66%	98.6%	98.6%
SAU802229	MCA101231	47%	98.6%	98.6%
SAU802229	MAV102071	38%	94.9%	94.5%
SAU802229	MBV101628	37%	94.9%	94.5%
SAU802229	MLP101114	35%	94.9%	94.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802229	MTU200730	37%	94.9%	94.5%
SAU802229	MGE100174	36%	89.8%	88.3%
SAU802229	MPN100646	31%	89.8%	88.8%
SAU802229	NGO100911	47%	98.6%	99.1%
SAU802229	NME200954	47%	98.6%	99.1%
SAU802229	PMU100284	50%	98.6%	99.5%
SAU802229	PRT104973	47%	98.6%	99.5%
SAU802229	PAE203684	47%	98.6%	99.5%
SAU802229	PPU107935	49%	98.6%	99.5%
SAU802229	PSY104919	45%	81.9%	97.8%
SAU802229	SPA100230	47%	94.9%	88.3%
SAU802229	STY100842	47%	98.6%	99.5%
SAU802229	STM100555	47%	98.6%	99.5%
SAU802229	SAU802229	100%	100%	100%
SAU802229	SEP200243	91%	100%	100%
SAU802229	SHA100179	91%	100%	99.5%
SAU802229	SMU100597	56%	100%	99.5%
SAU802229	SPN400210	56%	100%	99.5%
SAU802229	SPY200058	57%	96.7%	96.2%
SAU802229	TPA100588	44%	94.9%	94.3%
SAU802229	UUR100253	37%	98.6%	98.1%
SAU802229	VCH100969	49%	98.6%	99.5%
SAU802229	YPS001716	45%	98.6%	99.5%
SAU802230	ABA100105	40%	96.0%	91.6%
SAU802230	BAN100422	54%	54.4%	100%
SAU802230	BAN100831	41%	98.8%	98.6%
SAU802230	BAN109756	56%	99.3%	98.8%
SAU802230	BAN106840	58%	99.3%	99.3%
SAU802230	BFR12413	38%	98.8%	95.1%
SAU802230	BPT100873	39%	96.5%	93.4%
SAU802230	BBU100497	34%	98.6%	96.8%
SAU802230	BCE109015	37%	94.4%	96%
SAU802230	BFU100380	36%	96.0%	92.4%
SAU802230	BMA107419	37%	94.4%	96.0%
SAU802230	CJU101592	40%	96.3%	97.9%
SAU802230	CPN200116	36%	97.9%	95.7%
SAU802230	CTR200786	36%	98.4%	97.2%
SAU802230	CAC102097	36%	99.3%	99.3%
SAU802230	CBO103220	36%	99.3%	99.5%
SAU802230	CDF103985	38%	99.3%	99.5%
SAU802230	CDP100001	39%	97.2%	97.7%
SAU802230	EBC103637	41%	96.0%	93.2%
SAU802230	EFA201979	46%	99.3%	99.3%
SAU802230	EFM200235	48%	99.3%	99.5%
SAU802230	ECO103223	41%	96.0%	93.2%
SAU802230	HIN100778	38%	96.7%	95.9%
SAU802230	HPY101282	38%	96.3%	97.9%
SAU802230	KPN300616	40%	78.4%	95.2%
SAU802230	LPN101432	38%	84.2%	98.1%
SAU802230	LMO101544	54%	99.3%	99.5%
SAU802230	MCA100141	37%	95.8%	92.7%
SAU802230	MAV102070	39%	99.3%	96.9%
SAU802230	MBV101627	39%	99.3%	99.5%
SAU802230	MLP101115	38%	99.3%	99.5%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802230	MTU200729	39%	99.3%	99.5%
SAU802230	MGE100173	35%	98.4%	90.1%
SAU802230	MPN100647	35%	98.4%	89.7%
SAU802230	NGO100896	38%	95.8%	93.3%
SAU802230	NME200103	38%	95.8%	93.3%
SAU802230	PMU101395	39%	97.2%	96.4%
SAU802230	PRT100105	39%	47.0%	95.3%
SAU802230	PAE204241	38%	96.0%	92.5%
SAU802230	PPU112340	37%	97.0%	95.3%
SAU802230	PSY100299	37%	97.0%	95.0%
SAU802230	SPA104324	41%	94.0%	94.4%
SAU802230	STY101824	40%	96.0%	93.2%
SAU802230	SAU802230	100%	100%	100%
SAU802230	SEP200245	89%	100%	100%
SAU802230	SHA100178	82%	86.0%	100%
SAU802230	SMU100598	45%	98.4%	97.7%
SAU802230	SPN400209	47%	97.9%	97.2%
SAU802230	SPY200057	46%	99.1%	98.4%
SAU802230	TPA100206	35%	98.1%	93.8%
SAU802230	UUR100252	33%	97.7%	91.7%
SAU802230	VCH102539	38%	96.0%	93.2%
SAU802230	YPS002488	40%	96.0%	93.2%
SAU802231	ABA100106	45%	98.6%	97.9%
SAU802231	BAN100388	59%	100%	100%
SAU802231	BAN101282	76%	100%	100%
SAU802231	BFR100671	50%	96.6%	96.6%
SAU802231	BPT100871	47%	97.3%	96.6%
SAU802231	BBU100496	51%	89.7%	90.3%
SAU802231	BCE108533	46%	97.3%	97.9%
SAU802231	BFU100391	47%	97.3%	97.9%
SAU802231	BMA101533	47%	97.3%	97.9%
SAU802231	CJU101593	35%	88.4%	98.5%
SAU802231	CPN200115	34%	81.5%	84.0%
SAU802231	CTR200787	41%	84.9%	87.5%
SAU802231	CAC101804	66%	100%	100%
SAU802231	CBO103582	71%	100%	100%
SAU802231	CDF100735	62%	100%	98%
SAU802231	CDP101730	50%	97.3%	94.6%
SAU802231	EBC103640	45%	98.6%	99.3%
SAU802231	EFA201980	78%	100%	100%
SAU802231	EFM201975	77%	100%	100%
SAU802231	ECO103224	46%	98.6%	99.3%
SAU802231	HIN100777	45%	98.6%	99.3%
SAU802231	HPY101283	39%	89.7%	96.3%
SAU802231	KPN300615	44%	95.2%	99.3%
SAU802231	LPN100259	40%	98.6%	99.3%
SAU802231	LMO102003	82%	100%	100%
SAU802231	MCA100140	43%	98.6%	97.9%
SAU802231	MAV102081	51%	97.3%	95.9%
SAU802231	MBV101609	47%	97.3%	95.9%
SAU802231	MLP101118	48%	97.3%	95.9%
SAU802231	MTU200720	48%	97.3%	95.9%
SAU802231	MGE100172	42%	100%	99.3%
SAU802231	MPN100648	39%	100%	98.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802231	NGO100899	41%	99.3%	100%
SAU802231	NME200104	42%	99.3%	100%
SAU802231	PMU101396	46%	98.6%	99.3%
SAU802231	PRT103332	43%	98.6%	99.3%
SAU802231	PAE204242	42%	98.6%	99.3%
SAU802231	PPU104529	45%	98.6%	99.3%
SAU802231	PSY107337	47%	98.6%	99.3%
SAU802231	SPA104326	47%	98.6%	99.3%
SAU802231	STY101823	47%	98.6%	99.3%
SAU802231	SAU802231	100%	100%	100%
SAU802231	SEP200247	94%	100%	100%
SAU802231	SHA100093	82%	58.9%	100%
SAU802231	SMU100599	80%	100%	100%
SAU802231	SPN400208	83%	100%	100%
SAU802231	SPY200056	78%	100%	100%
SAU802231	TPA100205	46%	97.9%	94.1%
SAU802231	UUR100251	48%	93.2%	92.6%
SAU802231	VCH102540	48%	98.6%	99.3%
SAU802231	YPS002485	45%	98.6%	99.3%
SAU802232	ABA100108	37%	98.3%	100%
SAU802232	BAN104365	76%	94.9%	93.3%
SAU802232	BFR100963	44%	94.9%	96.6%
SAU802232	BPT104115	48%	94.9%	91.8%
SAU802232	BBU100495	32%	93.2%	54.5%
SAU802232	BFU104042	49%	89.8%	84.1%
SAU802232	BMA107387	47%	89.8%	84.1%
SAU802232	CAC103086	52%	96.6%	100%
SAU802232	CBO100965	53%	98.3%	98.3%
SAU802232	CDF102795	62%	98.3%	95.1%
SAU802232	CDP102962	49%	93.2%	90.2%
SAU802232	EBC103644	47%	98.3%	100%
SAU802232	EFA205229	62%	98.3%	98.3%
SAU802232	EFM200795	65%	98.3%	98.3%
SAU802232	ECO103225	50%	98.3%	100%
SAU802232	HIN100776	42%	98.3%	100%
SAU802232	KPN300492	45%	94.9%	100%
SAU802232	LPN102267	51%	94.9%	91.8%
SAU802232	LMO100063	75%	98.3%	98.3%
SAU802232	MCA102911	36%	98.3%	98.3%
SAU802232	MAV102080	48%	94.9%	78.9%
SAU802232	MBV101607	49%	96.6%	87.7%
SAU802232	MLP101119	49%	96.6%	80.3%
SAU802232	MTU200719	49%	96.6%	87.7%
SAU802232	NGO102470	40%	93.2%	90.2%
SAU802232	NME200105	41%	93.2%	90.2%
SAU802232	PMU101397	42%	98.3%	100%
SAU802232	PRT100559	49%	98.3%	96.7%
SAU802232	PAE204243	42%	96.6%	98.3%
SAU802232	PPU108173	40%	96.6%	98.3%
SAU802232	PSY107474	38%	96.6%	98.3%
SAU802232	SPA106249	47%	98.3%	100%
SAU802232	STY105107	47%	98.3%	100%
SAU802232	SAU802232	100%	100%	100%
SAU802232	SEP202555	94%	100%	98.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802232	SHA100092	96%	100%	100%
SAU802232	SMU102834	67%	98.3%	96.7%
SAU802232	SPN400207	68%	98.3%	96.7%
SAU802232	SPY200055	65%	98.3%	96.7%
SAU802232	VCH102541	48%	98.3%	100%
SAU802232	YPS004281	44%	98.3%	100%
SAU802233	ABA100109	53%	95.8%	96.4%
SAU802233	BAN111381	75%	98.8%	99.4%
SAU802233	BAN112822	77%	98.8%	98.8%
SAU802233	BFR10783	52%	94.0%	90.7%
SAU802233	BPT100869	48%	98.2%	95.3%
SAU802233	BBU100494	54%	92.2%	92.7%
SAU802233	BCE102110	48%	75.9%	92.6%
SAU802233	BFU100390	48%	96.4%	93.0%
SAU802233	BMA101481	49%	96.4%	94.7%
SAU802233	CJU101594	58%	84.3%	95.2%
SAU802233	CPN200114	42%	98.2%	98.8%
SAU802233	CTR200788	44%	94.6%	95.8%
SAU802233	CAC100146	64%	97.6%	98.2%
SAU802233	CBO100463	63%	97.6%	98.2%
SAU802233	CDF100733	66%	93.4%	91.7%
SAU802233	CDP101728	59%	97.6%	77.9%
SAU802233	EBC103648	55%	98.8%	98.8%
SAU802233	EFA201981	72%	93.4%	93.4%
SAU802233	EFM200438	72%	93.4%	93.4%
SAU802233	ECO103226	55%	98.8%	98.2%
SAU802233	HIN100775	55%	98.8%	98.8%
SAU802233	HPY101284	62%	86.7%	94.1%
SAU802233	KPN300491	55%	98.8%	98.2%
SAU802233	LPN100995	56%	92.8%	91.7%
SAU802233	LMO101368	78%	93.4%	92.8%
SAU802233	MCA100160	55%	95.8%	96.4%
SAU802233	MAV102079	56%	97.0%	71.6%
SAU802233	MBV101605	57%	97.0%	73.2%
SAU802233	MLP101120	58%	93.4%	71.4%
SAU802233	MTU200718	57%	97.0%	73.2%
SAU802233	MGE100171	50%	93.4%	73.5%
SAU802233	MPN100649	50%	93.4%	70.8%
SAU802233	NGO100919	49%	96.4%	93.0%
SAU802233	NME200106	49%	96.4%	93.0%
SAU802233	PMU101398	56%	98.8%	98.8%
SAU802233	PRT100558	54%	98.8%	98.8%
SAU802233	PAE204244	52%	98.8%	99.4%
SAU802233	PPU104527	49%	99.4%	100%
SAU802233	PSY105833	49%	98.8%	99.4%
SAU802233	SPA104328	56%	98.8%	98.2%
SAU802233	STY101822	55%	98.8%	98.2%
SAU802233	SAU802233	100%	100%	100%
SAU802233	SEP200249	98%	100%	100%
SAU802233	SHA100091	98%	100%	100%
SAU802233	SMU100600	67%	96.4%	97.6%
SAU802233	SPN400206	65%	96.4%	97.6%
SAU802233	SPY200054	67%	96.4%	97.6%
SAU802233	TPA100204	54%	94.6%	91.3%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802233	UUR100250	53%	97.6%	80.3%
SAU802233	VCH102542	54%	98.8%	98.8%
SAU802233	YPS002482	53%	98.8%	98.2%
SAU802234	ABA100110	46%	95.8%	98.3%
SAU802234	BAN106991	70%	100%	100%
SAU802234	BFR100058	59%	74.8%	100%
SAU802234	BPT100868	42%	96.6%	100%
SAU802234	BBU100493	37%	89.9%	89.9%
SAU802234	BCE113907	44%	96.6%	100%
SAU802234	BFU100389	40%	96.6%	100%
SAU802234	BMA109275	44%	96.6%	100%
SAU802234	CJU101595	43%	93.3%	91.5%
SAU802234	CPN200113	41%	95.0%	94.3%
SAU802234	CTR200789	43%	95.0%	94.3%
SAU802234	CAC102283	60%	96.6%	99.1%
SAU802234	CBO100811	54%	100%	97.5%
SAU802234	CDF103929	58%	100%	100%
SAU802234	CDP101725	54%	91.6%	81.5%
SAU802234	EBC103652	43%	96.6%	100%
SAU802234	EFA201982	68%	100%	100%
SAU802234	EFM200146	70%	100%	100%
SAU802234	ECO103227	45%	96.6%	100%
SAU802234	HIN100774	42%	96.6%	100%
SAU802234	HPY101285	40%	93.3%	90.8%
SAU802234	KPN300490	45%	96.6%	100%
SAU802234	LPN101342	44%	89.9%	98.3%
SAU802234	LMO102391	70%	100%	100%
SAU802234	MCA100159	49%	95.8%	98.3%
SAU802234	MAV102077	50%	91.6%	81.5%
SAU802234	MBV101604	51%	91.6%	90.2%
SAU802234	MLP101121	49%	91.6%	90.9%
SAU802234	MTU200717	51%	91.6%	90.2%
SAU802234	MGE100170	37%	99.2%	100%
SAU802234	MPN100650	37%	95.0%	97.4%
SAU802234	NGO100921	45%	96.6%	100%
SAU802234	NME200107	45%	96.6%	100%
SAU802234	PMU101399	42%	96.6%	100%
SAU802234	PRT100557	45%	96.6%	100%
SAU802234	PAE204245	48%	95.0%	97.4%
SAU802234	PPU104526	47%	95.8%	98.3%
SAU802234	PSY105780	51%	78.2%	95.9%
SAU802234	SPA104494	41%	96.6%	100%
SAU802234	STY101821	45%	96.6%	100%
SAU802234	SAU802234	100%	100%	100%
SAU802234	SEP200251	88%	100%	100%
SAU802234	SHA100055	90%	100%	100%
SAU802234	SMU100601	65%	100%	100%
SAU802234	SPN400205	66%	100%	100%
SAU802234	SPY200053	67%	100%	100%
SAU802234	TPA100203	41%	95.8%	95%
SAU802234	UUR100249	45%	98.3%	95.0%
SAU802234	VCH102543	38%	96.6%	100%
SAU802234	YPS002455	43%	96.6%	100%
SAU802235	ABA100111	44%	98.3%	98.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802235	BAN102950	57%	98.3%	99.4%
SAU802235	BAN110172	62%	100%	100%
SAU802235	BFR10781	45%	98.9%	97.9%
SAU802235	BPT100867	41%	98.3%	98.9%
SAU802235	BBU100492	42%	99.4%	98.3%
SAU802235	BCE105068	42%	98.3%	98.9%
SAU802235	BFU100388	43%	98.3%	98.9%
SAU802235	BMA103347	42%	98.3%	98.9%
SAU802235	CJU101596	43%	100%	99.4%
SAU802235	CPN200112	45%	100%	97.8%
SAU802235	CTR200790	44%	100%	97.8%
SAU802235	CAC101071	56%	100%	100%
SAU802235	CBO102597	59%	100%	99.4%
SAU802235	CDF100753	57%	100%	99.4%
SAU802235	CDP101722	55%	100%	100%
SAU802235	EBC103655	44%	98.3%	98.9%
SAU802235	EFA201983	63%	100%	100%
SAU802235	EFM201241	65%	100%	100%
SAU802235	ECO103228	44%	98.3%	98.9%
SAU802235	HIN100773	46%	98.3%	98.9%
SAU802235	HPY101286	42%	100%	99.4%
SAU802235	KPN300489	59%	18.0%	91.4%
SAU802235	LPN100869	45%	98.3%	98.9%
SAU802235	LMO102101	65%	100%	100%
SAU802235	MCA100158	45%	98.3%	98.9%
SAU802235	MAV102075	50%	100%	100%
SAU802235	MBV101643	50%	100%	100%
SAU802235	MLP101122	50%	100%	100%
SAU802235	MTU200716	50%	100%	100%
SAU802235	MGE100169	45%	100%	98.4%
SAU802235	MPN100651	43%	100%	98.4%
SAU802235	NGO100923	44%	98.3%	98.9%
SAU802235	NME200108	43%	98.3%	98.9%
SAU802235	PMU101400	45%	98.3%	98.9%
SAU802235	PRT100556	45%	98.3%	98.9%
SAU802235	PAE204246	43%	98.3%	98.9%
SAU802235	PPU104525	47%	98.3%	98.9%
SAU802235	PSY100295	45%	98.3%	98.9%
SAU802235	SPA104330	44%	98.3%	98.9%
SAU802235	STY101820	44%	98.3%	98.9%
SAU802235	SAU802235	100%	100%	100%
SAU802235	SEP200253	92%	100%	100%
SAU802235	SHA100054	87%	60.1%	100%
SAU802235	SMU100602	60%	100%	100%
SAU802235	SPN400204	58%	100%	100%
SAU802235	SPY200052	61%	100%	100%
SAU802235	TPA100202	45%	99.4%	98.9%
SAU802235	UUR100248	37%	98.9%	97.3%
SAU802235	VCH102544	44%	98.3%	98.9%
SAU802235	YPS002454	44%	98.3%	98.9%
SAU802236	ABA100112	47%	99.2%	99.2%
SAU802236	BAN113611	80%	98.5%	95.6%
SAU802236	BAN101892	79%	100%	100%
SAU802236	BFR10780	52%	98.5%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802236	BPT100866	47%	99.2%	99.2%
SAU802236	BBU100491	43%	100%	100%
SAU802236	BCE101537	49%	99.2%	99.2%
SAU802236	BFU100387	48%	99.2%	99.2%
SAU802236	BMA101128	51%	99.2%	99.2%
SAU802236	CJU101597	41%	98.5%	99.2%
SAU802236	CPN200111	41%	97.7%	97.0%
SAU802236	CTR200791	42%	97.7%	97.0%
SAU802236	CAC102421	62%	100%	100%
SAU802236	CBO102964	63%	100%	100%
SAU802236	CDF100752	68%	100%	100%
SAU802236	CDP101719	59%	100%	100%
SAU802236	EBC103658	51%	99.2%	99.2%
SAU802236	EFA201984	78%	100%	100%
SAU802236	EFM200970	76%	100%	100%
SAU802236	ECO103229	51%	99.2%	99.2%
SAU802236	HIN100772	47%	99.2%	99.2%
SAU802236	HPY101287	43%	98.5%	99.2%
SAU802236	KPN300573	50%	87.1%	98.3%
SAU802236	LPN100471	43%	99.2%	99.2%
SAU802236	LMO100791	78%	100%	100%
SAU802236	MCA100157	46%	99.2%	99.2%
SAU802236	MAV102073	56%	100%	100%
SAU802236	MBV101642	56%	100%	100%
SAU802236	MLP101123	56%	100%	100%
SAU802236	MTU200715	56%	100%	100%
SAU802236	MGE100168	45%	97.0%	92.2%
SAU802236	MPN100652	46%	97.0%	91.5%
SAU802236	NGO100925	48%	99.2%	99.2%
SAU802236	NME200109	48%	99.2%	99.2%
SAU802236	PMU101401	48%	99.2%	99.2%
SAU802236	PRT100555	47%	99.2%	99.2%
SAU802236	PAE204247	43%	100%	100%
SAU802236	PPU108197	44%	100%	100%
SAU802236	PSY108276	43%	100%	100%
SAU802236	SPA104332	51%	99.2%	99.2%
SAU802236	STY101809	51%	99.2%	99.2%
SAU802236	SAU802236	100%	100%	100%
SAU802236	SEP200255	96%	100%	100%
SAU802236	SHA101609	90%	72.7%	100%
SAU802236	SMU100603	72%	100%	100%
SAU802236	SPN400203	75%	100%	100%
SAU802236	SPY200051	78%	100%	100%
SAU802236	TPA100201	50%	100%	100%
SAU802236	UUR100247	46%	97.0%	97.7%
SAU802236	VCH102545	48%	99.2%	99.2%
SAU802236	YPS002453	51%	99.2%	99.2%
SAU802237	BAN104895	83%	100%	100%
SAU802237	BAN100258	83%	100%	100%
SAU802237	BBU100490	52%	100%	82.4%
SAU802237	CJU101598	60%	100%	100%
SAU802237	CAC102855	63%	100%	100%
SAU802237	CBO101206	59%	100%	100%
SAU802237	CDF102552	80%	100%	100%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802237	EFA202953	77%	100%	100%
SAU802237	EFM201806	77%	100%	100%
SAU802237	HPY101288	65%	100%	100%
SAU802237	LMO100535	83%	100%	100%
SAU802237	MAV102072	60%	100%	100%
SAU802237	MBV101641	60%	100%	100%
SAU802237	MLP101124	59%	100%	100%
SAU802237	MTU200714	60%	100%	100%
SAU802237	MGE100167	60%	100%	100%
SAU802237	MPN100653	62%	100%	100%
SAU802237	SAU802237	100%	100%	100%
SAU802237	SEP202534	98%	100%	100%
SAU802237	SHA103188	100%	100%	100%
SAU802237	SMU102003	77%	100%	100%
SAU802237	SPY200050	75%	100%	100%
SAU802237	TPA100200	55%	100%	100%
SAU802237	UUR100246	72%	100%	100%
SAU802238	ABA100107	62%	85.5%	100%
SAU802238	BAN113536	73%	100%	100%
SAU802238	BAN110693	84%	100%	100%
SAU802238	BFR10778	52%	97.8%	94.1%
SAU802238	BPT100865	59%	99.4%	99.4%
SAU802238	BBU100489	58%	97.2%	95.6%
SAU802238	BCE101479	60%	99.4%	99.4%
SAU802238	BFU100385	61%	99.4%	99.4%
SAU802238	BMA102975	61%	99.4%	99.4%
SAU802238	CJU101599	52%	100%	98.9%
SAU802238	CPN200110	49%	100%	98.9%
SAU802238	CTR200792	50%	100%	98.9%
SAU802238	CAC100782	66%	97.8%	97.2%
SAU802238	CBO103765	66%	100%	99.4%
SAU802238	CDF100751	69%	99.4%	98.9%
SAU802238	CDP101582	58%	98.9%	94.7%
SAU802238	EBC103664	60%	100%	100%
SAU802238	EFA201985	83%	100%	100%
SAU802238	EFM200921	82%	100%	100%
SAU802238	ECO103231	60%	100%	100%
SAU802238	HIN100770	60%	100%	100%
SAU802238	HPY101289	49%	98.3%	97.2%
SAU802238	KPN300575	64%	79.3%	100%
SAU802238	LPN102846	56%	41.3%	93.7%
SAU802238	LMO101852	79%	100%	100%
SAU802238	MCA100155	55%	99.4%	100%
SAU802238	MAV102069	56%	98.9%	94.7%
SAU802238	MBV101640	57%	98.9%	94.7%
SAU802238	MLP101125	58%	98.9%	94.7%
SAU802238	MTU200713	57%	98.9%	94.7%
SAU802238	MGE100166	56%	100%	99.4%
SAU802238	MPN100654	56%	100%	99.4%
SAU802238	NGO100929	58%	99.4%	99.4%
SAU802238	NME200111	58%	99.4%	99.4%
SAU802238	PMU101403	60%	100%	100%
SAU802238	PRT100553	60%	100%	94.2%
SAU802238	PAE204249	60%	99.4%	99.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802238	PPU104523	58%	99.4%	99.4%
SAU802238	PSY100243	66%	46.4%	98.8%
SAU802238	SPA104334	60%	100%	100%
SAU802238	STY101807	60%	100%	100%
SAU802238	SAU802238	100%	100%	100%
SAU802238	SEP200260	96%	100%	100%
SAU802238	SHA100780	94%	100%	100%
SAU802238	SMU100604	76%	99.4%	98.9%
SAU802238	SPN400201	76%	99.4%	98.9%
SAU802238	SPY200049	76%	99.4%	98.9%
SAU802238	TPA100199	54%	98.3%	95.1%
SAU802238	UUR100245	57%	98.3%	95.7%
SAU802238	VCH102547	62%	100%	100%
SAU802238	YPS002451	59%	100%	100%
SAU802239	ABA102168	52%	84.8%	96.7%
SAU802239	BAN110382	68%	94.3%	96.1%
SAU802239	BAN104944	71%	94.3%	96.1%
SAU802239	BFR103505	55%	97.1%	97.2%
SAU802239	BPT104094	47%	92.4%	91.5%
SAU802239	BBU100488	39%	94.3%	96.0%
SAU802239	BCE110380	45%	91.4%	92.2%
SAU802239	BFU100383	41%	96.2%	97.1%
SAU802239	BMA108868	47%	91.4%	92.2%
SAU802239	CJU101600	55%	64.8%	88.3%
SAU802239	CPN200109	45%	81.9%	73.9%
SAU802239	CTR200793	47%	78.1%	70.3%
SAU802239	CAC102906	45%	94.3%	94.3%
SAU802239	CBO100250	49%	94.3%	95.2%
SAU802239	CDF103678	55%	96.2%	99.0%
SAU802239	CDP101580	54%	96.2%	100%
SAU802239	EBC103629	53%	95.2%	96.2%
SAU802239	EFA205255	65%	94.3%	96.1%
SAU802239	EFM201757	66%	94.3%	96.1%
SAU802239	ECO103232	53%	95.2%	96.2%
SAU802239	HIN100769	52%	94.3%	96.1%
SAU802239	HPY101290	58%	63.8%	91.8%
SAU802239	KPN305017	53%	95.2%	96.2%
SAU802239	LMO101665	70%	96.2%	98.1%
SAU802239	MCA100154	51%	94.3%	94.3%
SAU802239	MAV102067	49%	96.2%	100%
SAU802239	MBV101639	50%	96.2%	100%
SAU802239	MLP101126	48%	96.2%	100%
SAU802239	MTU200712	50%	96.2%	100%
SAU802239	MGE100165	34%	94.3%	97.2%
SAU802239	MPN100655	36%	94.3%	97.3%
SAU802239	NGO100931	48%	94.3%	95.3%
SAU802239	NME200112	49%	94.3%	95.3%
SAU802239	PMU101404	55%	94.3%	96.1%
SAU802239	PRT103501	47%	34.3%	89.7%
SAU802239	PAE204250	49%	96.2%	97.1%
SAU802239	PPU104522	47%	94.3%	95.2%
SAU802239	PSY100105	47%	94.3%	95.2%
SAU802239	SPA104335	51%	95.2%	96.2%
SAU802239	STY101806	53%	95.2%	96.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802239	SAU802239	100%	100%	100%
SAU802239	SEP200261	94%	100%	100%
SAU802239	SHA101599	92%	67.6%	100%
SAU802239	SMU100605	65%	94.3%	97.0%
SAU802239	SPN400200	68%	94.3%	97.0%
SAU802239	SPY200048	63%	94.3%	97.0%
SAU802239	TPA100198	51%	92.4%	92.2%
SAU802239	UUR100244	48%	97.1%	95.5%
SAU802239	VCH102548	52%	97.1%	96.2%
SAU802239	YPS002450	53%	95.2%	96.2%
SAU802240	ABA102167	65%	91.0%	96.5%
SAU802240	BAN108009	88%	100%	100%
SAU802240	BFR100659	64%	100%	100%
SAU802240	BPT100864	63%	100%	100%
SAU802240	BBU100487	59%	100%	98.4%
SAU802240	BCE113728	68%	100%	100%
SAU802240	BFU100381	68%	100%	100%
SAU802240	BMA101057	67%	100%	100%
SAU802240	CJU101601	68%	100%	100%
SAU802240	CPN200108	63%	100%	100%
SAU802240	CTR200794	64%	100%	100%
SAU802240	CAC101685	73%	100%	100%
SAU802240	CBO100636	77%	100%	100%
SAU802240	CDF102312	81%	100%	100%
SAU802240	CDP101578	75%	100%	100%
SAU802240	EBC103643	67%	100%	100%
SAU802240	EFA201986	90%	100%	100%
SAU802240	EFM201996	91%	100%	100%
SAU802240	ECO103233	66%	100%	100%
SAU802240	HIN100768	69%	100%	100%
SAU802240	HPY101291	62%	100%	100%
SAU802240	KPN305016	69%	66.4%	98.8%
SAU802240	LMO100716	92%	100%	100%
SAU802240	MCA100153	67%	100%	100%
SAU802240	MAV102065	75%	100%	100%
SAU802240	MBV101638	75%	100%	100%
SAU802240	MLP101127	73%	92.6%	100%
SAU802240	MTU200711	75%	100%	100%
SAU802240	MGE100164	60%	100%	100%
SAU802240	MPN100656	61%	100%	100%
SAU802240	NGO100934	65%	100%	100%
SAU802240	NME200113	65%	100%	100%
SAU802240	PMU101405	69%	100%	100%
SAU802240	PRT103251	65%	97.5%	100%
SAU802240	PAE204251	66%	100%	100%
SAU802240	PPU108200	65%	100%	100%
SAU802240	PSY100106	65%	100%	100%
SAU802240	SPA104303	67%	100%	100%
SAU802240	STY101805	67%	100%	100%
SAU802240	SAU802240	100%	100%	100%
SAU802240	SEP200262	97%	100%	100%
SAU802240	SHA100778	99%	100%	85.3%
SAU802240	SMU100606	90%	100%	100%
SAU802240	SPN400199	89%	100%	100%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802240	SPY200047	88%	100%	100%
SAU802240	TPA100197	63%	100%	100%
SAU802240	UUR100243	63%	100%	100%
SAU802240	VCH102549	66%	100%	100%
SAU802240	YPS002449	68%	100%	100%
SAU802241	BAN105005	88%	100%	100%
SAU802241	BFR100428	53%	96.6%	98.8%
SAU802241	BPT104067	49%	93.1%	87.1%
SAU802241	BBU100486	51%	92.0%	95.2%
SAU802241	BCE100913	51%	93.1%	90%
SAU802241	BFU103897	61%	39.1%	75.6%
SAU802241	BMA102592	54%	93.1%	90%
SAU802241	CJU101602	45%	85.1%	89.2%
SAU802241	CPN200107	53%	89.7%	89.5%
SAU802241	CTR200795	52%	89.7%	92.8%
SAU802241	CAC101333	62%	94.3%	97.6%
SAU802241	CBO101908	57%	94.3%	97.6%
SAU802241	CDF102812	64%	93.1%	96.4%
SAU802241	CDP102662	54%	94.3%	89.1%
SAU802241	EBC103647	49%	86.2%	89.3%
SAU802241	EFA205257	80%	97.7%	89.5%
SAU802241	EFM201704	77%	96.6%	95.5%
SAU802241	ECO103234	49%	86.2%	89.3%
SAU802241	HIN100766	53%	86.2%	88.2%
SAU802241	HPY101292	46%	86.2%	87.2%
SAU802241	KPN204999	49%	86.2%	89.3%
SAU802241	LMO101712	77%	100%	100%
SAU802241	MCA101811	55%	90.8%	87.8%
SAU802241	MAV102052	55%	93.1%	69.2%
SAU802241	MBV101010	55%	93.1%	59.6%
SAU802241	MLP101128	56%	93.1%	63.8%
SAU802241	MTU200707	55%	93.1%	59.6%
SAU802241	MGE100163	50%	94.3%	97.6%
SAU802241	MPN100657	55%	94.3%	97.6%
SAU802241	NGO102122	53%	96.6%	96.6%
SAU802241	NME200114	53%	96.6%	96.6%
SAU802241	PMU101406	56%	86.2%	88.2%
SAU802241	PRT103498	42%	78.2%	100%
SAU802241	PAE204252	53%	89.7%	88.6%
SAU802241	PPU104520	55%	89.7%	86.7%
SAU802241	PSY107655	52%	89.7%	88.6%
SAU802241	SPA104305	36%	83.9%	86.9%
SAU802241	STY101804	49%	86.2%	89.3%
SAU802241	SAU802241	100%	100%	100%
SAU802241	SEP200263	96%	100%	100%
SAU802241	SHA100777	97%	100%	100%
SAU802241	SMU100607	74%	97.7%	98.8%
SAU802241	SPN400198	77%	97.7%	98.8%
SAU802241	SPY200046	74%	97.7%	98.8%
SAU802241	TPA100196	56%	94.3%	97.6%
SAU802241	UUR100242	54%	94.3%	97.6%
SAU802241	VCH102550	50%	88.5%	91.7%
SAU802241	YPS002447	45%	86.2%	89.3%
SAU802243	ABA100087	52%	81.2%	98.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802243	BAN105442	79%	100%	100%
SAU802243	BFR12478	57%	94.4%	94.4%
SAU802243	BPT104060	55%	93.1%	97.1%
SAU802243	BBU100484	59%	95.1%	99.3%
SAU802243	BCE110254	55%	93.8%	97.8%
SAU802243	BFU100274	55%	93.8%	97.8%
SAU802243	BMA108797	56%	93.8%	97.8%
SAU802243	CJU101604	62%	93.8%	95.7%
SAU802243	CPN200105	58%	94.4%	98.6%
SAU802243	CTR200797	59%	94.4%	98.6%
SAU802243	CAC102622	63%	99.3%	99.3%
SAU802243	CBO103643	66%	99.3%	99.3%
SAU802243	CDF100749	69%	97.2%	100%
SAU802243	CDP101572	63%	50.7%	97.3%
SAU802243	EBC103654	55%	93.1%	97.8%
SAU802243	EFA201987	74%	99.3%	99.3%
SAU802243	EFM200770	73%	99.3%	99.3%
SAU802243	ECO103236	54%	93.1%	97.8%
SAU802243	HIN100764	55%	93.1%	97.8%
SAU802243	HPY101294	55%	93.8%	95.7%
SAU802243	KPN300638	53%	86.8%	100%
SAU802243	LMO101423	74%	100%	100%
SAU802243	MCA100019	57%	93.1%	97.8%
SAU802243	MAV102093	55%	94.4%	98.6%
SAU802243	MBV101012	55%	94.4%	98.6%
SAU802243	MLP101130	56%	94.4%	98.6%
SAU802243	MTU200705	57%	94.4%	98.6%
SAU802243	MGE100161	55%	94.4%	98.6%
SAU802243	MPN100659	56%	95.1%	98.6%
SAU802243	NGO100936	56%	93.8%	97.8%
SAU802243	NME200116	56%	93.8%	97.8%
SAU802243	PMU101408	55%	93.1%	97.8%
SAU802243	PRT100078	55%	93.1%	97.8%
SAU802243	PAE204254	58%	93.1%	97.8%
SAU802243	PPU104518	57%	93.1%	97.8%
SAU802243	PSY103397	56%	93.1%	97.8%
SAU802243	SPA104307	54%	93.1%	97.8%
SAU802243	STY101803	54%	93.1%	97.8%
SAU802243	SAU802243	100%	100%	100%
SAU802243	SEP200265	97%	100%	100%
SAU802243	SHA100775	99%	100%	100%
SAU802243	SMU100608	75%	93.8%	98.5%
SAU802243	SPN400196	74%	93.8%	98.5%
SAU802243	SPY200044	74%	93.8%	98.5%
SAU802243	TPA100194	53%	92.4%	95.7%
SAU802243	UUR100240	57%	94.4%	98.6%
SAU802243	VCH102552	54%	93.8%	98.5%
SAU802243	YPS002443	58%	93.1%	97.8%
SAU802244	ABA100086	54%	95.4%	90.0%
SAU802244	BAN112122	74%	83.4%	100%
SAU802244	BAN102487	75%	100%	100%
SAU802244	BFR10672	54%	94.9%	84.4%
SAU802244	BPT100851	50%	95.4%	79.1%
SAU802244	BBU100483	47%	100%	75.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802244	BCE110191	51%	95.4%	78.2%
SAU802244	BFU100273	51%	95.4%	90.8%
SAU802244	BMA108753	51%	95.4%	78.2%
SAU802244	CJU101605	52%	95.4%	89.3%
SAU802244	CPN200104	50%	94.5%	92.4%
SAU802244	CTR200798	47%	98.6%	96.9%
SAU802244	CAC103109	64%	96.8%	95.5%
SAU802244	CBO100517	61%	96.8%	95.1%
SAU802244	CDF100748	58%	97.2%	78.6%
SAU802244	CDP101570	50%	98.2%	83.6%
SAU802244	EBC103657	55%	95.4%	89.3%
SAU802244	EFA201993	77%	100%	100%
SAU802244	EFM201332	76%	100%	100%
SAU802244	ECO103237	55%	95.4%	89.3%
SAU802244	HIN100763	58%	95.4%	88.5%
SAU802244	HPY101295	54%	95.4%	88.9%
SAU802244	KPN300639	55%	95.4%	89.7%
SAU802244	LMO101810	77%	100%	100%
SAU802244	MCA100254	52%	98.2%	89.2%
SAU802244	MAV102092	50%	96.8%	75.4%
SAU802244	MBV101013	50%	96.8%	77.0%
SAU802244	MLP101131	50%	96.8%	75.1%
SAU802244	MTU200704	50%	96.8%	77.0%
SAU802244	MGE100160	42%	94.9%	78.4%
SAU802244	MPN100660	41%	94.9%	76.9%
SAU802244	NGO100939	52%	93.1%	88.3%
SAU802244	NME200117	53%	93.1%	88.3%
SAU802244	PMU101409	58%	95.4%	88.5%
SAU802244	PRT103066	55%	95.4%	89.3%
SAU802244	PAE204255	57%	95.4%	91.2%
SAU802244	PPU104517	56%	95.4%	87.8%
SAU802244	PSY103396	56%	95.4%	91.2%
SAU802244	SPA104309	55%	95.4%	89.3%
SAU802244	STY101802	55%	95.4%	89.3%
SAU802244	SAU802244	100%	100%	100%
SAU802244	SEP200267	96%	100%	100%
SAU802244	SHA100774	97%	100%	100%
SAU802244	SMU100609	72%	100%	100%
SAU802244	SPN400195	74%	100%	100%
SAU802244	SPY200043	74%	100%	100%
SAU802244	TPA100193	53%	94.0%	83.8%
SAU802244	UUR100239	47%	96.8%	83.3%
SAU802244	VCH102553	55%	95.4%	89.3%
SAU802244	YPS002439	56%	95.4%	89.7%
SAU802245	ABA100085	50%	91.5%	97.3%
SAU802245	BAN109858	63%	95.7%	99.1%
SAU802245	BAN111310	73%	95.7%	99.1%
SAU802245	BFR102815	40%	88.0%	89.0%
SAU802245	BPT104052	43%	91.5%	98.2%
SAU802245	BBU100482	34%	92.3%	90.8%
SAU802245	BCE103775	43%	93.2%	100%
SAU802245	BFU100272	42%	93.2%	100%
SAU802245	BMA104499	43%	93.2%	100%
SAU802245	CJU101606	36%	97.4%	78.0%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802245	CPN200103	39%	90.6%	95.5%
SAU802245	CTR200799	38%	90.6%	95.5%
SAU802245	CAC102305	59%	93.2%	98.2%
SAU802245	CBO100872	53%	93.2%	98.2%
SAU802245	CDF103249	54%	94.9%	93.3%
SAU802245	CDP102437	57%	96.6%	94.2%
SAU802245	EBC103660	54%	93.2%	99.1%
SAU802245	EFA201995	66%	91.5%	91.5%
SAU802245	EFM202159	67%	91.5%	93.0%
SAU802245	ECO103238	54%	93.2%	99.1%
SAU802245	HIN100762	54%	93.2%	99.1%
SAU802245	HPY101296	40%	94.0%	86.9%
SAU802245	KPN300640	60%	36.8%	87.8%
SAU802245	LMO100543	74%	94.0%	93.2%
SAU802245	MCA100253	48%	93.2%	100%
SAU802245	MAV102091	53%	89.7%	58.3%
SAU802245	MBV101014	51%	89.7%	53.3%
SAU802245	MLP101132	52%	89.7%	60%
SAU802245	MTU200703	51%	89.7%	53.3%
SAU802245	MGE100159	41%	98.3%	79.9%
SAU802245	MPN100661	46%	91.5%	58.2%
SAU802245	NGO102695	46%	93.2%	100%
SAU802245	NME200118	46%	93.2%	100%
SAU802245	PMU101410	54%	93.2%	99.1%
SAU802245	PRT103067	53%	93.2%	99.1%
SAU802245	PAE204256	47%	93.2%	99.1%
SAU802245	PPU104507	47%	93.2%	99.1%
SAU802245	PSY107686	48%	77.8%	98.9%
SAU802245	SPA104311	54%	93.2%	99.1%
SAU802245	STY101801	54%	93.2%	99.1%
SAU802245	SAU802245	100%	100%	100%
SAU802245	SEP200269	99%	100%	100%
SAU802245	SHA100773	99%	100%	100%
SAU802245	SMU100610	63%	91.5%	93.9%
SAU802245	SPN400194	62%	91.5%	93.9%
SAU802245	SPY200042	65%	91.5%	93.9%
SAU802245	TPA100192	32%	90.6%	86.3%
SAU802245	UUR100238	44%	99.1%	37.6%
SAU802245	VCH102554	50%	93.2%	99.1%
SAU802245	YPS001865	53%	93.2%	99.1%
SAU802246	ABA100084	64%	98.9%	100%
SAU802246	BAN101977	68%	95.7%	96.6%
SAU802246	BAN110916	82%	100%	100%
SAU802246	BFR104321	64%	96.7%	100%
SAU802246	BPT104048	68%	98.9%	100%
SAU802246	BBU100481	58%	100%	100%
SAU802246	BCE112635	72%	95.7%	96.7%
SAU802246	BFU104367	72%	95.7%	96.7%
SAU802246	BMA100281	72%	95.7%	96.7%
SAU802246	CJU101607	61%	96.7%	95.7%
SAU802246	CPN200102	65%	90.2%	94.3%
SAU802246	CTR200800	65%	90.2%	94.3%
SAU802246	CAC101096	65%	97.8%	96.8%
SAU802246	CBO102193	60%	98.9%	86.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802246	CDF103424	67%	100%	98.9%
SAU802246	CDP101567	77%	100%	100%
SAU802246	EBC103663	65%	100%	100%
SAU802246	EFA201997	83%	100%	100%
SAU802246	EFM202484	82%	100%	100%
SAU802246	ECO103239	65%	100%	100%
SAU802246	HIN100761	65%	95.7%	96.7%
SAU802246	HPY101297	63%	96.7%	95.7%
SAU802246	KPN300699	64%	100%	100%
SAU802246	LMO100277	82%	100%	100%
SAU802246	MCA100252	59%	98.9%	100%
SAU802246	MAV102090	78%	100%	98.9%
SAU802246	MBV101015	78%	100%	98.9%
SAU802246	MLP101133	77%	100%	98.9%
SAU802246	MTU200702	78%	100%	98.9%
SAU802246	MGE100158	63%	93.5%	98.9%
SAU802246	MPN100662	66%	93.5%	98.9%
SAU802246	NGO102970	65%	100%	100%
SAU802246	NME200119	65%	100%	100%
SAU802246	PMU101411	65%	95.7%	96.7%
SAU802246	PRT100323	66%	100%	100%
SAU802246	PAE204257	62%	98.9%	100%
SAU802246	PPU111002	62%	98.9%	100%
SAU802246	PSY101086	61%	98.9%	100%
SAU802246	SPA104313	64%	100%	100%
SAU802246	STY101800	64%	100%	100%
SAU802246	SAU802246	100%	100%	100%
SAU802246	SEP200271	96%	100%	100%
SAU802246	SHA100772	96%	100%	100%
SAU802246	SMU102869	86%	41.3%	95%
SAU802246	SPN400192	85%	100%	98.9%
SAU802246	SPY200041	85%	100%	100%
SAU802246	TPA100191	52%	100%	100%
SAU802246	UUR100237	65%	90.2%	94.3%
SAU802246	VCH102555	63%	100%	100%
SAU802246	YPS001864	65%	100%	100%
SAU802247	ABA100083	54%	100%	100%
SAU802247	BAN100305	80%	58.1%	98.8%
SAU802247	BFR10675	60%	99.6%	100%
SAU802247	BPT100850	57%	99.6%	100%
SAU802247	BBU100480	57%	99.6%	100%
SAU802247	BCE100228	57%	99.6%	100%
SAU802247	BFU100271	59%	99.6%	100%
SAU802247	BMA102202	60%	99.6%	100%
SAU802247	CJU101608	59%	100%	100%
SAU802247	CPN200101	52%	98.6%	99.3%
SAU802247	CTR200801	51%	98.6%	99.3%
SAU802247	CAC101509	66%	100%	100%
SAU802247	CBO101184	68%	100%	100%
SAU802247	CDF100747	66%	99.6%	100%
SAU802247	CDP101565	63%	99.3%	97.5%
SAU802247	EBC103628	58%	99.6%	100%
SAU802247	EFA201999	78%	99.6%	100%
SAU802247	EFM200310	76%	83.0%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802247	ECO103240	58%	99.6%	100%
SAU802247	HIN100760	60%	99.6%	100%
SAU802247	HPY101298	57%	100%	100%
SAU802247	KPN300698	58%	99.6%	100%
SAU802247	LMO100597	84%	100%	100%
SAU802247	MCA100251	58%	100%	100%
SAU802247	MAV102089	62%	99.3%	97.5%
SAU802247	MBV101016	62%	99.3%	97.5%
SAU802247	MLP101134	60%	99.3%	97.5%
SAU802247	MTU200701	62%	99.3%	97.5%
SAU802247	MGE100157	60%	99.3%	98.6%
SAU802247	MPN100663	57%	99.3%	98.6%
SAU802247	NGO101613	62%	98.9%	98.2%
SAU802247	NME200120	62%	98.9%	98.2%
SAU802247	PMU101412	61%	99.6%	100%
SAU802247	PRT100324	60%	99.6%	100%
SAU802247	PAE204258	60%	99.3%	100%
SAU802247	PPU104505	59%	99.3%	100%
SAU802247	PSY107059	61%	99.3%	100%
SAU802247	SPA104315	57%	99.6%	100%
SAU802247	STY101789	57%	99.6%	100%
SAU802247	SAU802247	100%	100%	100%
SAU802247	SEP200273	95%	100%	100%
SAU802247	SHA100771	96%	100%	100%
SAU802247	SPN400191	76%	100%	100%
SAU802247	SPY200040	78%	100%	100%
SAU802247	TPA100190	57%	99.3%	100%
SAU802247	UUR100236	63%	99.3%	100%
SAU802247	VCH102556	61%	99.6%	100%
SAU802247	YPS001863	60%	100%	100%
SAU802248	ABA100082	40%	87.9%	76.4%
SAU802248	BFR102748	38%	94.5%	95.8%
SAU802248	BPT104043	39%	87.9%	82.7%
SAU802248	BBU100479	38%	98.9%	95.1%
SAU802248	BCE100645	41%	87.9%	77.9%
SAU802248	BFU103900	41%	87.9%	77.9%
SAU802248	BMA108040	41%	87.9%	77.9%
SAU802248	CJU101609	29%	86.8%	84.9%
SAU802248	CPN200100	34%	89.0%	91.9%
SAU802248	CTR200802	32%	89.0%	91.9%
SAU802248	CAC102428	51%	92.3%	85.7%
SAU802248	CBO102507	48%	90.1%	84.5%
SAU802248	CDF101975	49%	93.4%	88.5%
SAU802248	CDP102947	45%	97.8%	90.1%
SAU802248	EBC101608	37%	87.9%	81.8%
SAU802248	EFA205285	68%	97.8%	92.7%
SAU802248	ECO103241	38%	87.9%	81%
SAU802248	HIN100759	37%	87.9%	81.8%
SAU802248	KPN300697	38%	87.9%	81%
SAU802248	LMO100631	68%	97.8%	94.7%
SAU802248	MCA100250	43%	89.0%	76.1%
SAU802248	MAV102088	49%	97.8%	91%
SAU802248	MBV101017	50%	97.8%	91%
SAU802248	MLP101135	50%	97.8%	91%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802248	MTU200700	50%	97.8%	91%
SAU802248	MGE100156	38%	93.4%	83.0%
SAU802248	MPN100664	34%	93.4%	37.1%
SAU802248	NGO102702	42%	83.5%	74.0%
SAU802248	NME200121	38%	87.9%	76.4%
SAU802248	PMU101413	39%	87.9%	81%
SAU802248	PRT100325	39%	87.9%	81%
SAU802248	PAE204259	38%	87.9%	81.8%
SAU802248	PPU102891	41%	87.9%	81.8%
SAU802248	PSY107072	35%	87.9%	81.8%
SAU802248	SPA104317	38%	87.9%	81%
SAU802248	STY101788	38%	87.9%	81%
SAU802248	SAU802248	100%	100%	100%
SAU802248	SEP200275	92%	100%	100%
SAU802248	SHA100770	93%	100%	100%
SAU802248	SPN400190	53%	98.9%	94.9%
SAU802248	SPY200039	56%	98.9%	94.9%
SAU802248	TPA100189	40%	93.4%	90.4%
SAU802248	UUR100235	30%	93.4%	84.8%
SAU802248	VCH102557	40%	87.9%	81%
SAU802248	YPS005095	38%	87.9%	81%
SAU802249	ABA100081	42%	94.7%	98%
SAU802249	BFR10676	45%	97.6%	98.1%
SAU802249	BPT100849	37%	95.7%	96.6%
SAU802249	BBU100478	40%	96.1%	96.2%
SAU802249	BCE103118	36%	97.1%	97.6%
SAU802249	BFU100270	36%	97.1%	97.6%
SAU802249	BMA104332	40%	62.3%	97.0%
SAU802249	CJU101610	35%	91.8%	92.2%
SAU802249	CPN200099	37%	94.7%	92.9%
SAU802249	CTR200803	40%	94.7%	92.8%
SAU802249	CAC100377	48%	99.0%	99.0%
SAU802249	CBO103307	47%	99.0%	99.0%
SAU802249	CDF100746	54%	99.0%	94.5%
SAU802249	CDP101562	43%	93.7%	89.9%
SAU802249	EBC101609	41%	90.8%	93.0%
SAU802249	EFA202001	61%	99.5%	99.5%
SAU802249	ECO103242	40%	92.3%	94.5%
SAU802249	HIN100758	38%	96.6%	99.5%
SAU802249	HPY101300	38%	91.8%	91.2%
SAU802249	KPN300696	39%	92.3%	94.5%
SAU802249	LMO102640	60%	99.5%	99.5%
SAU802249	MCA100249	40%	96.6%	99.5%
SAU802249	MAV102087	45%	93.7%	92.2%
SAU802249	MBV101018	43%	93.7%	87.4%
SAU802249	MLP101136	46%	93.7%	84.8%
SAU802249	MTU200699	43%	93.7%	87.4%
SAU802249	MGE100155	38%	99.5%	99.5%
SAU802249	MPN100665	37%	98.1%	98.1%
SAU802249	NGO101615	37%	96.1%	96.6%
SAU802249	NME200122	36%	96.1%	96.6%
SAU802249	PMU101414	39%	96.6%	99.5%
SAU802249	PRT103342	41%	92.8%	95.0%
SAU802249	PAE204260	46%	97.1%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802249	PPU104504	43%	97.1%	100%
SAU802249	PSY108736	43%	97.1%	100%
SAU802249	SPA104319	40%	92.3%	95%
SAU802249	STY101787	40%	92.3%	94.5%
SAU802249	SAU802249	100%	100%	100%
SAU802249	SEP200280	90%	99.5%	99.5%
SAU802249	SHA100769	89%	100%	100%
SAU802249	SMU101861	48%	15.0%	100%
SAU802249	SPN400189	63%	99.5%	99.5%
SAU802249	SPY200038	61%	99.5%	99.5%
SAU802249	TPA100188	38%	96.1%	92.1%
SAU802249	UUR100234	36%	98.6%	100%
SAU802249	VCH102558	44%	93.2%	96%
SAU802249	YPS001862	40%	92.8%	95.0%
SAU802250	ABA100080	50%	43.2%	98.0%
SAU802250	BFR10677	49%	94.5%	98.0%
SAU802250	BPT100848	46%	96.8%	91.3%
SAU802250	BBU100477	48%	96.8%	99.0%
SAU802250	BCE112456	45%	100%	99.5%
SAU802250	BFU100269	45%	98.2%	96.3%
SAU802250	BMA106660	45%	98.2%	96.3%
SAU802250	CJU101611	34%	92.7%	95.3%
SAU802250	CPN200098	41%	95.5%	95.9%
SAU802250	CTR200804	44%	95.5%	95.0%
SAU802250	CAC103369	55%	98.2%	99.5%
SAU802250	CBO101061	56%	98.2%	96.3%
SAU802250	CDF100745	57%	97.3%	98.1%
SAU802250	CDP100915	48%	98.2%	95.9%
SAU802250	EBC101610	42%	96.8%	98.6%
SAU802250	EFA202003	64%	98.2%	99.0%
SAU802250	ECO103243	43%	96.8%	98.6%
SAU802250	HIN100757	45%	96.8%	98.6%
SAU802250	HPY101301	33%	90%	92.7%
SAU802250	KPN300695	41%	40.9%	98.9%
SAU802250	LMO102018	66%	98.2%	99.0%
SAU802250	MCA100248	45%	98.2%	99.5%
SAU802250	MAV102086	49%	99.1%	98.6%
SAU802250	MBV100990	48%	99.1%	98.6%
SAU802250	MLP101137	49%	99.1%	98.2%
SAU802250	MTU200698	48%	99.1%	98.6%
SAU802250	MGE100154	39%	99.1%	82.9%
SAU802250	MPN100666	41%	97.7%	73.2%
SAU802250	NGO101617	46%	99.1%	99.5%
SAU802250	NME200123	46%	99.1%	99.5%
SAU802250	PMU101415	46%	96.8%	98.6%
SAU802250	PRT102977	45%	96.8%	98.6%
SAU802250	PAE204261	46%	98.2%	98.6%
SAU802250	PPU111511	45%	98.2%	98.6%
SAU802250	PSY106254	46%	98.2%	93.7%
SAU802250	SPA104320	43%	90.9%	92.3%
SAU802250	STY101786	45%	90.9%	92.3%
SAU802250	SAU802250	100%	100%	100%
SAU802250	SEP200281	91%	100%	100%
SAU802250	SHA100768	90%	59.5%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802250	SMU100611	65%	98.2%	98.6%
SAU802250	SPN400188	65%	99.1%	99.5%
SAU802250	SPY200037	64%	98.2%	98.6%
SAU802250	TPA100187	43%	97.3%	98.1%
SAU802250	UUR100233	44%	98.6%	90.1%
SAU802250	VCH102559	48%	96.8%	98.6%
SAU802250	YPS001861	43%	96.8%	98.6%
SAU802251	ABA100720	56%	64.7%	100%
SAU802251	BAN112470	86%	82.4%	100%
SAU802251	BFR102501	63%	97.1%	98.0%
SAU802251	BPT104019	64%	100%	85.7%
SAU802251	BBU100476	54%	99.0%	98.1%
SAU802251	BCE114850	65%	100%	82.3%
SAU802251	BFU100268	65%	100%	71.3%
SAU802251	BMA104676	65%	100%	99.0%
SAU802251	CJU101612	53%	96.1%	95.1%
SAU802251	CPN200200	65%	97.1%	94.3%
SAU802251	CTR200710	66%	97.1%	94.3%
SAU802251	CAC101769	78%	100%	100%
SAU802251	CBO101448	76%	100%	100%
SAU802251	CDF104153	80%	61.8%	100%
SAU802251	CDP100914	71%	99.0%	100%
SAU802251	EBC101611	64%	100%	99.0%
SAU802251	EFA205288	86%	100%	100%
SAU802251	ECO103244	62%	100%	99.0%
SAU802251	HIN100756	64%	100%	86.4%
SAU802251	HPY101302	58%	95.1%	93.3%
SAU802251	KPN304660	64%	100%	94.4%
SAU802251	LMO100137	88%	100%	100%
SAU802251	MCA101858	61%	100%	99.0%
SAU802251	MAV102085	71%	99.0%	100%
SAU802251	MBV100992	71%	99.0%	100%
SAU802251	MLP101138	71%	99.0%	100%
SAU802251	MTU200697	71%	99.0%	100%
SAU802251	MGE100153	43%	92.2%	88.7%
SAU802251	MPN100667	42%	92.2%	87.0%
SAU802251	NGO102546	65%	100%	99.0%
SAU802251	NME200127	65%	100%	99.0%
SAU802251	PMU101416	64%	100%	99.0%
SAU802251	PRT100142	64%	100%	99.0%
SAU802251	PAE204262	62%	100%	99.0%
SAU802251	PPU104502	61%	91.2%	98.9%
SAU802251	PSY106273	62%	100%	82.3%
SAU802251	SPA104323	54%	100%	94.6%
SAU802251	STY101785	64%	100%	99.0%
SAU802251	SAU802251	100%	100%	100%
SAU802251	SEP200282	99%	100%	100%
SAU802251	SHA102423	96%	100%	100%
SAU802251	SMU100612	75%	100%	100%
SAU802251	SPN400187	77%	100%	100%
SAU802251	SPY200036	76%	100%	100%
SAU802251	TPA100186	51%	99.0%	99.0%
SAU802251	UUR100232	51%	97.1%	98.0%
SAU802251	VCH102560	62%	100%	99.0%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802251	YPS005092	64%	100%	99.0%
SAU802254	BAN106323	36%	98.5%	100%
SAU802254	BAN107719	48%	99.6%	99.3%
SAU802254	BFR11341	34%	83.5%	87.4%
SAU802254	BPT100056	35%	84.8%	72.3%
SAU802254	BCE103151	34%	84.8%	90.6%
SAU802254	BFU100507	34%	84.8%	70.8%
SAU802254	BMA106704	35%	76.9%	91.9%
SAU802254	CAC102331	44%	99.6%	98.6%
SAU802254	CBO102358	46%	99.2%	98.5%
SAU802254	CDF103201	48%	99.6%	99.3%
SAU802254	EBC101583	28%	48.0%	82.8%
SAU802254	EFA201812	40%	97.6%	97.1%
SAU802254	EFM200904	35%	41.6%	100%
SAU802254	ECO101731	29%	80.0%	90.8%
SAU802254	HIN100424	31%	81.2%	93.7%
SAU802254	KPN302957	29%	80.0%	91.5%
SAU802254	LMO102705	47%	99.9%	99.4%
SAU802254	PMU100207	31%	81.2%	94.6%
SAU802254	PRT106061	29%	81.7%	92.4%
SAU802254	PPU110370	29%	68.2%	89.2%
SAU802254	PSY104995	30%	74.0%	88.2%
SAU802254	SPA100636	33%	24.6%	72.4%
SAU802254	STY102434	30%	87.6%	96.7%
SAU802254	STM103402	29%	80.0%	91.4%
SAU802254	SAU802254	100%	100%	100%
SAU802254	SEP200287	72%	100%	100%
SAU802254	SHA100701	73%	99.9%	99.6%
SAU802254	VCH102013	32%	79.0%	91.3%
SAU802254	YPS000729	29%	82.4%	95.0%
SAU802261	ABA100532	26%	98.2%	97.7%
SAU802261	BAN104054	25%	96.0%	98.2%
SAU802261	BAN111342	33%	99.7%	98.7%
SAU802261	BAN113400	37%	99.1%	49.8%
SAU802261	BAN109301	45%	99.8%	100%
SAU802261	BFR11719	25%	49.6%	97.6%
SAU802261	BPT102713	23%	97.4%	96.4%
SAU802261	BBU100139	26%	99.5%	48.9%
SAU802261	BCE101292	24%	97.1%	48.4%
SAU802261	BFU109876	23%	97.3%	50.7%
SAU802261	BFU100767	24%	97.1%	45.9%
SAU802261	BMA103699	23%	99.8%	97.6%
SAU802261	CJU100961	23%	51.4%	99.9%
SAU802261	CAC102232	36%	55.5%	9.3%
SAU802261	CDF100351	30%	29.3%	100%
SAU802261	CDF103505	27%	98.6%	95.9%
SAU802261	EBC101480	24%	97.5%	97.9%
SAU802261	EFA103690	20%	31.3%	93.3%
SAU802261	EFM200039	20%	31.3%	93.3%
SAU802261	ECO102034	24%	98.6%	97.0%
SAU802261	HIN100875	24%	98.2%	97.0%
SAU802261	HPY100600	23%	98.3%	97.9%
SAU802261	KPN304473	24%	98.7%	97.6%
SAU802261	LPN100210	22%	99.1%	97.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802261	LPN100247	22%	98.8%	98.4%
SAU802261	MCA102709	23%	98.6%	98.7%
SAU802261	NGO100607	22%	98.7%	97.1%
SAU802261	NME201818	23%	98.7%	97.1%
SAU802261	PMU101132	23%	97.6%	96.5%
SAU802261	PRT102325	24%	97.4%	95.7%
SAU802261	PAE202524	24%	98.3%	46.8%
SAU802261	PPU103094	25%	98.3%	98.8%
SAU802261	PSY102999	24%	98.9%	98.3%
SAU802261	SPA104062	22%	96.5%	97.5%
SAU802261	STY104173	24%	98.6%	97.0%
SAU802261	STM103910	23%	98.6%	97.0%
SAU802261	SAU802261	100%	100%	100%
SAU802261	SEP200295	75%	100%	99.7%
SAU802261	SHA100824	74%	99.1%	94.8%
SAU802261	VCH100898	23%	98.7%	97.1%
SAU802261	YPS003137	24%	50.4%	96.9%
SAU802262	BFR104711	26%	22.3%	25.9%
SAU802262	BBU100585	21%	93.6%	95.1%
SAU802262	CAC101449	29%	23.8%	32.4%
SAU802262	SAU802262	100%	100%	100%
SAU802262	SEP200301	80%	100%	100%
SAU802262	SHA100823	78%	100%	100%
SAU802262	SPN400540	26%	98.8%	98.3%
SAU802262	SPY200444	29%	91.9%	92.2%
SAU802273	ABA105779	30%	92.4%	94.2%
SAU802273	BAN100337	38%	97.6%	99.3%
SAU802273	BAN108929	48%	92.6%	98.5%
SAU802273	BAN104661	48%	98.8%	97.4%
SAU802273	BAN112052	50%	98.6%	95.9%
SAU802273	BAN113492	52%	97.4%	96.0%
SAU802273	BPT101119	31%	86.9%	89.5%
SAU802273	BCE114366	32%	90.2%	89.3%
SAU802273	BFU101148	33%	82.3%	83.0%
SAU802273	BMA103156	33%	83.8%	76.8%
SAU802273	CJU101433	28%	90.0%	93.2%
SAU802273	CAC103575	31%	88.3%	90.9%
SAU802273	CBO100240	28%	94.7%	97.8%
SAU802273	CDF101730	34%	90.2%	93.9%
SAU802273	CDP101687	29%	84.0%	86.8%
SAU802273	EBC102785	30%	94.7%	96.1%
SAU802273	EFA202358	31%	91.9%	95.8%
SAU802273	ECO100803	29%	90.0%	90.8%
SAU802273	HIN101417	33%	89.3%	91.8%
SAU802273	HPY100169	27%	87.4%	90.8%
SAU802273	KPN302747	31%	76.1%	76.4%
SAU802273	LMO100059	36%	97.6%	99.8%
SAU802273	MCA101689	35%	93.1%	94.1%
SAU802273	MAV101757	32%	90.7%	93.8%
SAU802273	MBV106113	32%	86.9%	93.6%
SAU802273	MLP100130	25%	94.3%	97.6%
SAU802273	MTU200437	31%	90.9%	94.8%
SAU802273	PMU100694	33%	94.7%	97.8%
SAU802273	PRT102031	28%	95.2%	95.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802273	PAE203911	30%	83.1%	84.3%
SAU802273	PAE203026	30%	90.5%	91.1%
SAU802273	PPU103226	30%	85.0%	86.0%
SAU802273	PSY102581	32%	78.8%	80.2%
SAU802273	SPA100308	26%	76.1%	89.3%
SAU802273	STY102410	30%	76.1%	76.0%
SAU802273	SAU802273	100%	100%	100%
SAU802273	SEP200335	74%	100%	100%
SAU802273	SHA101561	77%	100%	100%
SAU802273	VCH101503	31%	90.2%	61.6%
SAU802273	YPS002254	27%	95.2%	93.4%
SAU802275	BAN104975	53%	92.9%	91.7%
SAU802275	BPT101121	40%	86.3%	82.7%
SAU802275	BCE102933	33%	75%	63.9%
SAU802275	BFU100752	32%	75%	59.2%
SAU802275	BMA109380	35%	75%	62.6%
SAU802275	CJU100675	35%	83.9%	78.9%
SAU802275	CAC100345	36%	88.7%	89.1%
SAU802275	CBO103886	34%	85.1%	87.7%
SAU802275	CDF101203	41%	58.3%	58.7%
SAU802275	EBC102209	43%	87.5%	85.3%
SAU802275	EFA202344	32%	91.7%	93.1%
SAU802275	ECO100758	44%	87.5%	85.3%
SAU802275	HIN100319	32%	89.9%	77.2%
SAU802275	HPY100786	35%	84.5%	81.2%
SAU802275	KPN303581	43%	87.5%	85.3%
SAU802275	LMO101377	45%	92.9%	95.1%
SAU802275	MCA101697	47%	86.9%	76.2%
SAU802275	MAV104045	30%	92.3%	95%
SAU802275	MBV100621	30%	80.4%	73.5%
SAU802275	MLP100125	30%	91.7%	83.4%
SAU802275	MTU200973	30%	80.4%	73.5%
SAU802275	PMU102003	31%	85.7%	75.5%
SAU802275	PRT105678	31%	84.5%	73.3%
SAU802275	PAE203912	38%	86.3%	77.3%
SAU802275	PAE203027	44%	86.3%	79.9%
SAU802275	PPU101702	43%	86.3%	79.9%
SAU802275	PSY109125	43%	86.3%	79.9%
SAU802275	SPA102733	45%	87.5%	85.3%
SAU802275	STY102331	45%	87.5%	85.3%
SAU802275	STM102090	45%	87.5%	85.3%
SAU802275	SAU802275	100%	100%	100%
SAU802275	SEP200340	66%	98.8%	95.5%
SAU802275	SHA101559	73%	100%	98.2%
SAU802275	VCH101006	47%	86.3%	84.1%
SAU802275	YPS000774	28%	89.9%	77.9%
SAU802276	ABA105442	31%	65.6%	84.1%
SAU802276	BAN103191	31%	99.1%	99.4%
SAU802276	BAN103239	35%	98.8%	99.1%
SAU802276	BAN100839	43%	94.6%	95.0%
SAU802276	BAN102602	44%	94.6%	95.0%
SAU802276	BAN107456	42%	98.8%	99.1%
SAU802276	BAN112551	43%	99.1%	99.4%
SAU802276	BAN105516	43%	99.4%	99.7%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802276	BFR102200	32%	41.9%	61.3%
SAU802276	BPT100891	29%	71.6%	90.9%
SAU802276	BCE105273	28%	37.7%	72.9%
SAU802276	BFU102717	32%	60.8%	81.0%
SAU802276	BMA107045	32%	60.8%	81.0%
SAU802276	CDP101620	31%	65.6%	64.8%
SAU802276	EBC102784	31%	71.6%	96.7%
SAU802276	EFA202445	31%	45.5%	40.3%
SAU802276	ECO103890	33%	71.6%	96.7%
SAU802276	HIN101418	32%	60.5%	82.7%
SAU802276	HPY100801	32%	53.9%	69.4%
SAU802276	KPN302744	31%	71.6%	94.8%
SAU802276	LPN101229	33%	60.2%	53.6%
SAU802276	LMO101764	34%	98.8%	99.4%
SAU802276	MCA103599	32%	71.3%	90.2%
SAU802276	MCA100944	30%	71.6%	93.3%
SAU802276	MAV102617	29%	61.1%	52.3%
SAU802276	MBV102230	30%	72.8%	62.5%
SAU802276	MLP100495	29%	61.1%	52.7%
SAU802276	MTU203076	30%	72.8%	62.5%
SAU802276	NGO101068	31%	71.6%	93.4%
SAU802276	NME200347	31%	71.6%	93.4%
SAU802276	PMU100695	33%	60.5%	84.5%
SAU802276	PRT101552	39%	62.0%	82.7%
SAU802276	PAE204660	34%	60.8%	80.6%
SAU802276	PPU109704	36%	60.8%	80.9%
SAU802276	PSY102406	34%	60.8%	78.4%
SAU802276	SPA100132	29%	71.6%	95.6%
SAU802276	STY102652	32%	71.6%	94.0%
SAU802276	SAU802276	100%	100%	100%
SAU802276	SEP200343	68%	99.4%	99.7%
SAU802276	SHA101558	72%	100%	100%
SAU802276	SPN400608	32%	36.8%	37.7%
SAU802276	VCH103341	31%	71.3%	93.7%
SAU802276	YPS000463	29%	71.6%	94.0%
SAU802288	ABA104364	64%	100%	48.3%
SAU802288	BPT101328	64%	100%	100%
SAU802288	BCE114774	65%	99%	47.8%
SAU802288	BFU110403	65%	99%	81.8%
SAU802288	BMA101403	63%	99%	43.4%
SAU802288	EBC101014	62%	100%	38.3%
SAU802288	ECO201397	61%	100%	100%
SAU802288	ECO205623	61%	100%	100%
SAU802288	HIN100520	58%	99%	99%
SAU802288	KPN300384	60%	66%	80.5%
SAU802288	KPN307408	63%	100%	100%
SAU802288	MBV102038	62%	99%	99%
SAU802288	MTU201815	62%	99%	99%
SAU802288	PAE204860	66%	99%	99%
SAU802288	PPU110641	64%	99%	47.4%
SAU802288	PSY101839	61%	99%	99%
SAU802288	SAU802288	100%	100%	100%
SAU802288	SEP101087	92%	100%	48.3%
SAU802288	UUR100439	59%	99%	98.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802288	YPS001366	52%	99%	99%
SAU802290	ABA103748	60%	99.5%	99.8%
SAU802290	BPT101319	57%	99.5%	99.6%
SAU802290	BCE105583	60%	100%	100%
SAU802290	BFU110328	60%	100%	100%
SAU802290	BMA103367	60%	100%	100%
SAU802290	EBC100116	66%	50.8%	98.3%
SAU802290	EFM200086	28%	12.4%	13.9%
SAU802290	ECO205553	62%	100%	100%
SAU802290	ECO201399	62%	100%	100%
SAU802290	HIN100518	59%	100%	100%
SAU802290	HPY100070	57%	99.5%	99.6%
SAU802290	KPN304109	62%	99.3%	99.5%
SAU802290	LMO100028	36%	22.1%	19.5%
SAU802290	MBV102006	55%	99.5%	99.7%
SAU802290	MTU201817	55%	99.5%	99.7%
SAU802290	PRT105539	61%	99.3%	72.4%
SAU802290	PAE204863	59%	99.5%	99.8%
SAU802290	PPU110642	59%	99.3%	99.5%
SAU802290	PSY100871	60%	99.5%	99.8%
SAU802290	SAU802290	100%	100%	100%
SAU802290	SEP200371	90%	100%	70.4%
SAU802290	UUR100437	57%	99.6%	99.8%
SAU802290	YPS001373	54%	99.1%	99.3%
SAU802292	ABA102930	22%	97.4%	59.2%
SAU802292	BPT101315	21%	65.9%	76.3%
SAU802292	BCE112587	23%	96.5%	96.5%
SAU802292	BFU110332	23%	96.5%	96.5%
SAU802292	BMA109613	25%	96.5%	56.0%
SAU802292	EBC101190	21%	97.4%	96.9%
SAU802292	ECO201401	19%	97.4%	96.9%
SAU802292	ECO205579	19%	97.4%	96.9%
SAU802292	HIN100516	22%	80.8%	97.4%
SAU802292	HPY100067	26%	96.5%	86.6%
SAU802292	KPN304125	20%	97.4%	96.9%
SAU802292	MBV102008	24%	47.6%	49.3%
SAU802292	MTU201818	24%	47.6%	49.3%
SAU802292	PRT104531	25%	81.2%	89.3%
SAU802292	PAE204887	26%	95.6%	96.4%
SAU802292	PPU110665	20%	97.4%	96.9%
SAU802292	PSY100980	20%	96.5%	97.3%
SAU802292	STY101858	35%	24.5%	37.3%
SAU802292	SAU802292	100%	100%	100%
SAU802292	SEP200375	76%	100%	100%
SAU802292	UUR100435	40%	97.4%	90%
SAU802292	YPS001379	23%	96.5%	96.5%
SAU802293	ABA102567	60%	97.5%	97.5%
SAU802293	BPT100743	61%	97.5%	93.0%
SAU802293	BCE100299	62%	96.6%	91.6%
SAU802293	BFU110334	62%	97.1%	91.2%
SAU802293	BMA101911	61%	96.6%	91.2%
SAU802293	CJU100584	30%	78.9%	61.1%
SAU802293	CBO101376	28%	90.2%	78.0%
SAU802293	CDP100866	31%	92.2%	71.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802293	EBC101191	58%	94.1%	94.6%
SAU802293	ECO102667	27%	89.2%	59.3%
SAU802293	HIN100515	62%	99.5%	90.2%
SAU802293	HPY100066	61%	96.6%	99.0%
SAU802293	KPN304128	63%	97.1%	96.6%
SAU802293	LPN100384	30%	88.7%	67.9%
SAU802293	MBV102011	51%	98.0%	89.3%
SAU802293	MTU201819	51%	98.0%	89.3%
SAU802293	PRT102194	62%	93.6%	93.2%
SAU802293	PAE204888	58%	97.5%	97.5%
SAU802293	PPU110666	64%	93.6%	92.3%
SAU802293	PSY106880	57%	97.5%	97.1%
SAU802293	SPA101916	26%	89.2%	59.3%
SAU802293	STY102828	26%	89.2%	59.3%
SAU802293	STM103657	26%	89.2%	59.3%
SAU802293	SAU802293	100%	100%	100%
SAU802293	SEP200377	90%	100%	100%
SAU802293	UUR100434	71%	96.1%	95.6%
SAU802293	YPS001381	58%	95.1%	89.5%
SAU802308	BAN111346	23%	75.8%	96%
SAU802308	BAN104126	26%	68.8%	95.6%
SAU802308	BAN104809	28%	93.6%	92.5%
SAU802308	LMO101374	28%	96.2%	95.6%
SAU802308	SAU802308	100%	100%	100%
SAU802308	SHA101510	78%	100%	99.4%
SAU802309	ABA105410	27%	70.5%	78.5%
SAU802309	BAN111819	47%	98.6%	100%
SAU802309	BAN104504	48%	97.1%	98.0%
SAU802309	BAN108797	55%	98.6%	98.9%
SAU802309	BAN107861	56%	99.2%	99.5%
SAU802309	BFR102378	31%	7.2%	8.6%
SAU802309	BPT101897	29%	72.7%	94.8%
SAU802309	BCE100301	33%	86.3%	95.5%
SAU802309	BFU109099	33%	94.7%	91.4%
SAU802309	BMA102600	32%	99.1%	95.1%
SAU802309	CJU101426	27%	52.6%	58.4%
SAU802309	CAC102909	27%	20.4%	34.9%
SAU802309	CBO103110	26%	20.8%	36.6%
SAU802309	CDF102669	33%	53.9%	94.8%
SAU802309	EBC104465	34%	69.4%	96.4%
SAU802309	EFA202359	33%	95.2%	99.0%
SAU802309	ECO103973	35%	69.4%	96.2%
SAU802309	HIN101025	23%	49.8%	65.5%
SAU802309	HPY101249	22%	44.7%	46.1%
SAU802309	KPN300210	34%	8.1%	59.9%
SAU802309	KPN300277	25%	11.7%	93.5%
SAU802309	KPN300272	37%	14.4%	82.4%
SAU802309	KPN303260	32%	69.4%	96.2%
SAU802309	LPN103373	23%	76.1%	84.0%
SAU802309	LMO101763	54%	98.5%	97.1%
SAU802309	MCA101207	20%	83.2%	82.2%
SAU802309	MAV100466	29%	18.0%	93.3%
SAU802309	MAV103718	30%	20.1%	97.2%
SAU802309	MAV102918	30%	31.8%	32.6%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802309	MAV102797	32%	48.8%	97.0%
SAU802309	MBV102300	27%	34.2%	44.8%
SAU802309	MTU202862	27%	34.2%	44.8%
SAU802309	NGO100650	23%	75.2%	82.1%
SAU802309	NME200010	23%	75.2%	82.1%
SAU802309	PMU101594	28%	69.2%	95.3%
SAU802309	PRT106150	34%	69.1%	95.0%
SAU802309	PAE201778	30%	69.4%	77.3%
SAU802309	PPU106426	34%	94.2%	94.3%
SAU802309	PSY105562	29%	68.9%	76.8%
SAU802309	SPA101768	35%	69.1%	100%
SAU802309	STY102346	35%	69.4%	96.2%
SAU802309	STM101130	22%	63.4%	84.5%
SAU802309	SAU802309	100%	100%	100%
SAU802309	SHA101509	84%	90.5%	100%
SAU802309	VCH103400	28%	66.8%	91.9%
SAU802309	YPS003389	33%	69.5%	96.2%
SAU802310	BAN106020	40%	96.2%	99.7%
SAU802310	BAN100582	40%	96.8%	99.0%
SAU802310	CAC101564	31%	93.7%	90.0%
SAU802310	CAC101142	32%	94.9%	93.2%
SAU802310	CBO100290	30%	98.4%	72.9%
SAU802310	CDP100702	36%	55.6%	39.7%
SAU802310	EFA200704	36%	97.1%	99.0%
SAU802310	EFM200695	38%	98.1%	97.5%
SAU802310	LMO102536	33%	99.4%	97.8%
SAU802310	MAV105446	29%	69.5%	35.9%
SAU802310	MBV101890	26%	58.4%	33.5%
SAU802310	MLP100452	30%	60.6%	47.2%
SAU802310	MTU200816	26%	58.4%	33.5%
SAU802310	SAU802310	100%	100%	100%
SAU802310	SEP200407	76%	99.7%	99.4%
SAU802310	SHA101993	49%	98.1%	98.7%
SAU802310	SMU100754	29%	93.0%	74.9%
SAU802310	SPN401757	29%	94.0%	90.2%
SAU802310	SPY201332	30%	97.1%	75%
SAU802328	ABA103559	40%	91.1%	91.4%
SAU802328	BAN100208	35%	98.0%	97.9%
SAU802328	BAN105602	43%	98.3%	99.3%
SAU802328	BCE104059	55%	47.1%	75.8%
SAU802328	BCE105925	52%	86.3%	100%
SAU802328	BFU103430	45%	97.3%	98.6%
SAU802328	BMA102007	42%	92.5%	94.4%
SAU802328	CAC103127	44%	96.9%	93.0%
SAU802328	CBO102575	42%	93.2%	92.5%
SAU802328	EBC103168	57%	96.2%	97.6%
SAU802328	EFA200150	50%	99.0%	97.6%
SAU802328	EFM200978	49%	98.6%	97.3%
SAU802328	ECO102937	60%	97.6%	97.3%
SAU802328	KPN305078	55%	94.2%	90.2%
SAU802328	LMO101848	60%	100%	99.7%
SAU802328	MAV106410	45%	67.9%	97.5%
SAU802328	PAE202140	40%	96.6%	97.9%
SAU802328	PPU105455	45%	96.6%	98.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802328	PSY101078	46%	94.9%	96.5%
SAU802328	SPA103631	59%	97.3%	96.9%
SAU802328	STY100437	60%	97.3%	96.9%
SAU802328	STM101187	60%	97.3%	96.9%
SAU802328	SAU802328	100%	100%	100%
SAU802328	SEP200449	82%	100%	100%
SAU802328	SHA100524	84%	100%	100%
SAU802331	ABA105800	62%	98.6%	97.7%
SAU802331	BAN106204	54%	98.2%	98.9%
SAU802331	BAN105173	68%	98.4%	98.6%
SAU802331	BFR10261	34%	94.2%	81.8%
SAU802331	BCE104672	58%	58.2%	100%
SAU802331	BFU113421	61%	99.1%	97.5%
SAU802331	BMA109225	62%	99.1%	97.5%
SAU802331	EBC100807	58%	59.3%	100%
SAU802331	KPN301790	60%	98.4%	96.8%
SAU802331	LPN101472	60%	98.6%	98.2%
SAU802331	MCA101940	58%	98.7%	100%
SAU802331	PAE205095	62%	98.6%	97.5%
SAU802331	PPU106762	61%	98.6%	97.8%
SAU802331	PSY101331	62%	96.9%	94.4%
SAU802331	SPA101433	57%	98.2%	99.4%
SAU802331	STY102299	60%	98.4%	97.0%
SAU802331	STM101870	38%	9.9%	6.8%
SAU802331	SAU802331	100%	100%	100%
SAU802331	SPN400943	29%	11.6%	31.5%
SAU802331	SPY201590	36%	94.0%	79.9%
SAU802331	VCH101184	60%	98.9%	96.3%
SAU802331	YPS002693	60%	98.6%	96.8%
SAU802332	BPT100588	25%	97.6%	90.9%
SAU802332	BFU102473	22%	92.9%	91.4%
SAU802332	CBO102863	25%	97.3%	97.3%
SAU802332	EBC101843	25%	82.7%	82.5%
SAU802332	EFM102228	25%	78.6%	92.7%
SAU802332	ECO201939	26%	82.7%	82.3%
SAU802332	KPN307471	23%	94.9%	96.0%
SAU802332	MAV102104	23%	87.8%	81.9%
SAU802332	MBV105077	23%	79.3%	75.3%
SAU802332	MLP101570	23%	79.3%	76.8%
SAU802332	MTU200117	23%	79.3%	75.8%
SAU802332	PPU109373	29%	20.7%	20.5%
SAU802332	PPU101916	24%	92.5%	93.3%
SAU802332	PSY104413	24%	97.3%	94.2%
SAU802332	SPA103068	25%	80.6%	77.0%
SAU802332	STY104272	25%	80.6%	81.0%
SAU802332	STM101851	26%	81.0%	77.6%
SAU802332	SAU802332	100%	100%	100%
SAU802333	BAN111465	58%	98.6%	100%
SAU802333	BAN104289	58%	98.6%	100%
SAU802333	BAN108891	65%	99.3%	99.3%
SAU802333	BAN102504	64%	99.3%	100%
SAU802333	BCE105683	26%	78.4%	92.9%
SAU802333	BFU114968	32%	80.6%	20.6%
SAU802333	CBO102493	39%	51.1%	87.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802333	EBC103002	34%	96.4%	92.9%
SAU802333	EFA201396	28%	79.1%	93.5%
SAU802333	EFM201766	28%	81.3%	96.7%
SAU802333	ECO100187	29%	83.5%	89.9%
SAU802333	HIN100307	30%	79.9%	88.9%
SAU802333	KPN302981	35%	93.5%	92.1%
SAU802333	LPN101860	46%	23.0%	61.5%
SAU802333	LMO101925	35%	93.5%	100%
SAU802333	NGO101565	26%	78.4%	87.4%
SAU802333	NME201984	27%	78.4%	85.5%
SAU802333	PRT100522	28%	84.2%	96.9%
SAU802333	PAE201128	35%	94.2%	93.3%
SAU802333	PPU108454	24%	82.0%	83.2%
SAU802333	SPA101410	27%	79.1%	88.1%
SAU802333	STY100607	27%	79.1%	88.1%
SAU802333	SAU802333	100%	100%	100%
SAU802333	SEP202219	62%	98.6%	96.5%
SAU802333	SMU101103	25%	79.1%	90%
SAU802333	SPN400864	24%	83.5%	85.3%
SAU802333	YPS002942	27%	79.1%	88.1%
SAU802335	CBO103499	20%	58.0%	68.6%
SAU802335	CDF103594	24%	43.2%	87.3%
SAU802335	SAU802335	100%	100%	100%
SAU802335	SEP200455	58%	100%	99.5%
SAU802335	SHA103355	56%	100%	99.7%
SAU802341	ABA100592	34%	72.6%	18.3%
SAU802341	BAN106164	42%	18.1%	53.5%
SAU802341	BAN101097	46%	98.0%	99.3%
SAU802341	BFR10398	27%	92.0%	97.2%
SAU802341	BPT100190	32%	70.2%	61.0%
SAU802341	BCE110810	30%	75.6%	91.9%
SAU802341	BFU103371	31%	70.2%	84.7%
SAU802341	BMA108770	30%	75.6%	91.9%
SAU802341	CJU100624	32%	78.3%	98.8%
SAU802341	CAC101062	27%	98.7%	98.4%
SAU802341	CAC101497	28%	99.3%	99.0%
SAU802341	CBO100997	30%	98.0%	97.4%
SAU802341	CDF103190	30%	97.0%	97.7%
SAU802341	CDP101422	32%	77.6%	85.3%
SAU802341	EBC103391	27%	99.3%	97.7%
SAU802341	EFA202336	42%	99.0%	99.3%
SAU802341	EFM200486	41%	99.3%	99.7%
SAU802341	ECO100770	31%	97.3%	4.8%
SAU802341	HPY100705	32%	71.9%	91.7%
SAU802341	KPN303592	30%	97.3%	4.8%
SAU802341	LMO100853	48%	98.7%	98.7%
SAU802341	MCA101024	30%	75.6%	95.9%
SAU802341	MAV103194	30%	96.0%	89.8%
SAU802341	MBV100156	30%	96.0%	90.7%
SAU802341	MTU201201	30%	96.0%	90.7%
SAU802341	MPN100502	28%	76.9%	72.1%
SAU802341	NGO101385	34%	72.9%	70.8%
SAU802341	NME200704	36%	66.2%	91.7%
SAU802341	PMU100171	29%	77.6%	98.8%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802341	PRT103445	28%	75.6%	96.3%
SAU802341	PAE203670	31%	97.0%	97.4%
SAU802341	PAE204034	33%	71.6%	70.1%
SAU802341	PPU104145	29%	77.6%	98.8%
SAU802341	PSY100293	30%	77.6%	98.8%
SAU802341	SPA102971	29%	97.3%	5.0%
SAU802341	STM103062	26%	99.3%	97.7%
SAU802341	SAU802341	100%	100%	100%
SAU802341	SMU100271	35%	72.9%	75.2%
SAU802341	SPN401561	40%	96.3%	97.0%
SAU802341	SPY200545	29%	94.0%	93.2%
SAU802341	UUR100092	32%	70.2%	89.8%
SAU802341	VCH102491	32%	77.6%	98.8%
SAU802346	ABA104933	22%	51.6%	44.6%
SAU802346	BAN109344	42%	97.4%	100%
SAU802346	BAN107706	43%	97.4%	97.4%
SAU802346	BBU100683	27%	94.3%	92.8%
SAU802346	BCE111066	25%	23.5%	21.5%
SAU802346	BFU102030	29%	24.4%	20.5%
SAU802346	CBO101704	22%	88.3%	85.2%
SAU802346	CDF103639	24%	46.1%	41.8%
SAU802346	EBC103192	22%	49.3%	43.0%
SAU802346	EFA200385	46%	96.6%	97.4%
SAU802346	EFM202514	45%	96.8%	95.5%
SAU802346	ECO103527	24%	49.3%	41.2%
SAU802346	HIN101704	24%	42.7%	34.1%
SAU802346	KPN305761	21%	53.6%	45.2%
SAU802346	LPN100706	36%	36.7%	70.6%
SAU802346	LPN100340	32%	92.6%	97.4%
SAU802346	LMO101142	43%	98.6%	96.6%
SAU802346	MCA101122	26%	35.0%	26.1%
SAU802346	MAV101346	30%	86.5%	91.6%
SAU802346	MBV104099	24%	36.4%	28.0%
SAU802346	MTU200691	24%	36.4%	28.0%
SAU802346	NGO101059	25%	45.6%	35.6%
SAU802346	NME201451	25%	45.6%	35.6%
SAU802346	PMU100288	23%	31.8%	30.7%
SAU802346	PAE204767	22%	49.3%	42.8%
SAU802346	PPU108584	23%	49.3%	42.8%
SAU802346	STY100378	21%	49.3%	41.2%
SAU802346	STM104153	22%	49.3%	41.2%
SAU802346	SAU802346	100%	100%	100%
SAU802346	SEP200052	76%	99.7%	99.7%
SAU802346	SEP200853	76%	99.7%	99.7%
SAU802346	SHA102078	79%	100%	100%
SAU802346	SMU100940	40%	90.5%	94.0%
SAU802346	SPN400341	40%	90.5%	92.6%
SAU802346	SPY200654	42%	90.5%	94.5%
SAU802346	VCH103702	26%	33.8%	33.3%
SAU802346	YPS003024	24%	43.3%	34.6%
SAU802359	BAN112546	46%	98.2%	100%
SAU802359	BAN108719	49%	98.2%	97.8%
SAU802359	BMA108659	36%	99.5%	94.4%
SAU802359	CDP101457	42%	93.7%	91.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802359	LMO101705	48%	100%	100%
SAU802359	SAU802359	100%	100%	100%
SAU802359	SEP200905	70%	99.1%	98.6%
SAU802359	SHA101961	68%	99.1%	99.1%
SAU802360	BFR101675	24%	30.2%	27.9%
SAU802360	BFR101280	28%	31.3%	34.9%
SAU802360	BFR105907	25%	28.2%	25%
SAU802360	BMA100570	24%	33.6%	32.0%
SAU802360	CDF100955	21%	98.9%	44.4%
SAU802360	CDF102346	19%	100%	99.2%
SAU802360	ECO101089	20%	44.7%	41.4%
SAU802360	MTU202526	18%	98.6%	98.6%
SAU802360	SAU802360	100%	100%	100%
SAU802360	SEP200907	53%	100%	100%
SAU802360	SHA102644	56%	100%	100%
SAU802360	VCH103501	30%	33.3%	15.2%
SAU802365	BAN104884	56%	93.5%	96.2%
SAU802365	BAN101178	62%	95.7%	98%
SAU802365	BCE112448	51%	91.4%	89.5%
SAU802365	CJU100361	24%	84.1%	92.4%
SAU802365	CDP100511	49%	95.9%	98.4%
SAU802365	EBC106483	48%	95.7%	89.8%
SAU802365	ECO102168	50%	91.8%	86.1%
SAU802365	HPY100084	23%	84.1%	91.3%
SAU802365	KPN301561	47%	96.1%	90.8%
SAU802365	MAV102823	46%	94.7%	96.4%
SAU802365	MBV100580	46%	94.1%	99.4%
SAU802365	MTU202814	47%	95.1%	98.6%
SAU802365	NGO100920	49%	94.7%	99.2%
SAU802365	NME200310	50%	94.7%	99.2%
SAU802365	PRT100644	49%	94.5%	97.2%
SAU802365	PAE203450	53%	94.5%	93.1%
SAU802365	PPU104014	51%	94.1%	96.0%
SAU802365	PSY100602	49%	94.5%	96.4%
SAU802365	SAU802365	100%	100%	100%
SAU802365	SEP200913	79%	96.3%	100%
SAU802365	SHA101955	77%	96.3%	100%
SAU802365	VCH102882	31%	10.6%	12.9%
SAU802368	SAU802368	100%	100%	100%
SAU802368	SEP200934	44%	99.5%	99.5%
SAU802369	BAN103259	36%	97.7%	97.1%
SAU802369	BAN112183	36%	97.7%	97.1%
SAU802369	BPT100938	43%	26.9%	28.6%
SAU802369	BCE107689	29%	97.1%	95.0%
SAU802369	BFU103812	35%	37.4%	36.8%
SAU802369	BMA103339	24%	60.2%	60.6%
SAU802369	EBC105348	22%	89.5%	89.4%
SAU802369	EFA202072	42%	98.8%	99.4%
SAU802369	EFM200209	35%	97.7%	96.5%
SAU802369	KPN303262	31%	98.2%	97.7%
SAU802369	LMO102096	40%	98.2%	100%
SAU802369	MAV105704	28%	93.6%	89.0%
SAU802369	MBV105099	26%	93.6%	98.1%
SAU802369	MTU202632	26%	93.6%	98.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802369	NME200232	28%	43.3%	42.9%
SAU802369	PRT106021	25%	78.9%	79.1%
SAU802369	PPU108805	28%	48.0%	49.7%
SAU802369	PSY102532	24%	97.1%	94.3%
SAU802369	SPA102323	26%	67.8%	72.3%
SAU802369	STY103987	32%	46.8%	46.2%
SAU802369	SAU802369	100%	100%	100%
SAU802369	SEP202650	51%	97.7%	93.3%
SAU802369	SHA100368	52%	100%	100%
SAU802369	SMU100484	36%	97.7%	96.5%
SAU802369	SPN400508	36%	98.2%	99.4%
SAU802369	SPY101945	37%	93.0%	97.0%
SAU802369	VCH101321	34%	32.2%	34.8%
SAU802369	YPS000948	31%	46.8%	47.3%
SAU802371	BAN103862	34%	36.8%	32.2%
SAU802371	BFR102730	26%	59.4%	52.7%
SAU802371	BCE108880	26%	70.7%	61.2%
SAU802371	BFU115699	25%	65.4%	63.9%
SAU802371	CAC101368	28%	89.5%	86.4%
SAU802371	EBC104604	29%	39.8%	32.6%
SAU802371	KPN302220	43%	91.7%	86.3%
SAU802371	LMO101023	42%	94.7%	92.7%
SAU802371	PRT104530	29%	66.2%	28.2%
SAU802371	SAU802371	100%	100%	100%
SAU802371	SEP200943	68%	100%	100%
SAU802371	SHA101897	60%	100%	100%
SAU802371	SMU100213	38%	35.3%	26.1%
SAU802371	SPN400237	30%	49.6%	47.8%
SAU802372	BAN103594	38%	32.9%	85.8%
SAU802372	BAN100580	37%	63.1%	98.6%
SAU802372	BAN108168	43%	99.1%	94.0%
SAU802372	BFU101355	27%	91.8%	85.6%
SAU802372	EFA200225	31%	93.1%	90.2%
SAU802372	EFM200250	32%	91.5%	89.5%
SAU802372	LMO102184	33%	96.1%	94.3%
SAU802372	SAU802372	100%	100%	100%
SAU802372	SHA101896	68%	99.7%	96.2%
SAU802372	SMU100809	34%	91.8%	90.4%
SAU802372	SPN401420	32%	93.1%	92.9%
SAU802372	SPY200633	34%	91.8%	90.9%
SAU802378	PRT102873	30%	41.8%	29.1%
SAU802378	SAU802378	100%	100%	100%
SAU802378	SEP200955	54%	65.2%	82.4%
SAU802378	SHA100322	56%	65.2%	83.1%
SAU802378	SPY200567	35%	50.6%	65.6%
SAU802389	BAN103843	25%	58.9%	77.4%
SAU802389	BAN108506	23%	68.1%	74.8%
SAU802389	CDF101015	40%	98.4%	95%
SAU802389	SAU802389	100%	100%	100%
SAU802389	SEP100573	38%	15.1%	50%
SAU802389	SMU101334	42%	97.4%	97.7%
SAU802389	UUR100585	22%	79.6%	44.1%
SAU802390	ABA100515	30%	38.2%	92.2%
SAU802390	BAN111977	22%	93.5%	98.3%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802390	BAN110775	23%	93.5%	96.3%
SAU802390	BPT104469	25%	39.0%	71.5%
SAU802390	BCE109138	32%	37.0%	44.2%
SAU802390	BMA105986	34%	37.0%	63.9%
SAU802390	CAC101199	26%	93.5%	97.9%
SAU802390	CBO101857	24%	95.9%	98.8%
SAU802390	CDF102948	27%	58.5%	55.3%
SAU802390	CDF101305	33%	46.3%	41.6%
SAU802390	CDF102920	26%	93.1%	96.4%
SAU802390	CDP101417	21%	92.7%	94.1%
SAU802390	EBC101808	30%	40.7%	97.1%
SAU802390	EFA201158	26%	95.5%	98.4%
SAU802390	EFM202323	24%	93.1%	97.6%
SAU802390	KPN307759	31%	37.0%	93.9%
SAU802390	LMO101047	25%	94.7%	98.8%
SAU802390	MAV100400	29%	40.2%	33.1%
SAU802390	PRT100890	31%	38.6%	94.1%
SAU802390	PPU110548	26%	46.7%	89.8%
SAU802390	STM103457	28%	38.2%	90.9%
SAU802390	SAU802390	100%	100%	100%
SAU802390	SEP200173	33%	96.3%	98.8%
SAU802390	SHA101547	30%	94.7%	95.4%
SAU802390	SMU101335	41%	95.1%	98.4%
SAU802390	SPN400649	30%	47.6%	56.4%
SAU802390	VCH100958	24%	40.7%	77.0%
SAU802390	YPS003904	24%	52.0%	45.5%
SAU802397	BAN101011	45%	99.0%	99.3%
SAU802397	BAN102461	58%	99.6%	99.1%
SAU802397	BMA109820	49%	98.9%	92.5%
SAU802397	CDP101676	60%	26.0%	97.0%
SAU802397	EBC101930	47%	57.4%	98.3%
SAU802397	ECO101197	49%	99.3%	98.2%
SAU802397	KPN305068	48%	99.4%	98.3%
SAU802397	MCA101683	49%	99.5%	98.2%
SAU802397	MAV100250	49%	98.9%	95.3%
SAU802397	MBV101452	49%	98.9%	98.1%
SAU802397	MTU201146	49%	98.9%	98.1%
SAU802397	PRT105206	49%	97.9%	96.5%
SAU802397	PAE203872	49%	99.6%	97.9%
SAU802397	SPA102910	47%	52.2%	100%
SAU802397	STY102963	50%	98.7%	97.5%
SAU802397	STM100368	49%	98.0%	96.9%
SAU802397	SAU802397	100%	100%	100%
SAU802397	SEP202550	86%	100%	100%
SAU802397	SHA101605	86%	100%	100%
SAU802398	ABA103247	41%	73.5%	52.3%
SAU802398	BAN106629	40%	73.8%	75.5%
SAU802398	BAN112655	41%	73.8%	50.6%
SAU802398	BFR12474	22%	74.5%	39.6%
SAU802398	BPT100993	36%	73.5%	48.7%
SAU802398	BCE103181	34%	74.5%	98.8%
SAU802398	BFU106371	39%	71.1%	91.6%
SAU802398	BMA101721	38%	71.7%	83.1%
SAU802398	CAC103696	37%	73.8%	48.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802398	CBO100144	36%	73.5%	49.0%
SAU802398	CDF102901	38%	83.1%	54.4%
SAU802398	CDP100485	40%	64.9%	98.6%
SAU802398	EBC103863	36%	76.3%	53.6%
SAU802398	ECO103291	37%	76.3%	53.6%
SAU802398	KPN306621	38%	71.7%	49.0%
SAU802398	LMO101561	35%	85.5%	56.8%
SAU802398	MCA103517	38%	72.3%	52.3%
SAU802398	MAV102832	34%	72.3%	59.1%
SAU802398	MBV103227	34%	72%	58.3%
SAU802398	MTU202809	34%	72%	58.3%
SAU802398	NME201254	38%	77.8%	53.1%
SAU802398	PRT104849	36%	73.5%	51.3%
SAU802398	PAE202609	41%	71.7%	50.1%
SAU802398	PPU100873	41%	72.9%	51.2%
SAU802398	PSY104166	41%	73.8%	51.7%
SAU802398	SPA103180	35%	76.3%	53.6%
SAU802398	STY101423	35%	76.3%	53.6%
SAU802398	STM102832	36%	76.3%	53.6%
SAU802398	SAU802398	100%	100%	100%
SAU802398	SEP201014	60%	94.2%	97.7%
SAU802398	SHA101604	59%	96.3%	99.7%
SAU802398	SPY100086	33%	38.8%	40.9%
SAU802398	VCH102524	38%	71.7%	77.3%
SAU802398	YPS000102	37%	78.5%	53.6%
SAU802399	ABA103234	36%	80.8%	83.2%
SAU802399	BAN109784	56%	98.1%	82.9%
SAU802399	BAN101731	56%	98.1%	86.4%
SAU802399	BPT100852	27%	94.2%	95.1%
SAU802399	BCE102364	37%	60.6%	59.3%
SAU802399	BMA104059	41%	94.2%	63.6%
SAU802399	EBC103872	29%	92.3%	94.4%
SAU802399	ECO103289	31%	90.4%	92.6%
SAU802399	KPN303056	35%	75%	72.9%
SAU802399	LPN102471	32%	52.9%	47.0%
SAU802399	MAV106074	31%	90.4%	81.0%
SAU802399	MBV100699	68%	18.3%	6.2%
SAU802399	MTU203475	40%	42.3%	11.4%
SAU802399	PAE201779	36%	94.2%	90.7%
SAU802399	PSY107850	41%	30.8%	43.6%
SAU802399	SAU802399	100%	100%	100%
SAU802399	SEP201015	69%	100%	100%
SAU802399	SHA101603	76%	100%	100%
SAU802399	YPS000211	28%	92.3%	90.6%
SAU802400	ABA101297	35%	99.0%	94.9%
SAU802400	BAN105525	60%	21.7%	97.8%
SAU802400	BAN103462	47%	99.8%	100%
SAU802400	BAN107337	57%	77.7%	99.4%
SAU802400	BPT100841	31%	35.8%	68.6%
SAU802400	BCE101590	33%	70.4%	75.8%
SAU802400	BFU104746	33%	99.3%	93.3%
SAU802400	BMA109485	49%	97.8%	97.2%
SAU802400	CAC102162	30%	48.6%	97.1%
SAU802400	CBO101506	28%	45.8%	89.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802400	CDF102934	28%	48.7%	45.6%
SAU802400	EBC103870	35%	99.0%	95.2%
SAU802400	ECO103288	35%	99.0%	95.2%
SAU802400	KPN300216	41%	12.2%	79.4%
SAU802400	KPN303469	33%	99.4%	97.1%
SAU802400	MCA101622	28%	41.4%	71.9%
SAU802400	MAV102348	33%	93.4%	91.2%
SAU802400	MBV104807	33%	97.8%	82.6%
SAU802400	MTU200251	33%	98.0%	93.4%
SAU802400	PRT105408	35%	99.4%	95.0%
SAU802400	PAE201780	48%	99.5%	98.8%
SAU802400	PPU107970	33%	94.6%	90.1%
SAU802400	PSY104967	34%	94.3%	79.7%
SAU802400	SPA103178	36%	39.0%	65.3%
SAU802400	STY101426	35%	99.5%	95.4%
SAU802400	STM102828	35%	99.0%	95.2%
SAU802400	SAU802400	100%	100%	100%
SAU802400	SEP201017	82%	100%	100%
SAU802400	SHA101602	84%	99.8%	100%
SAU802400	YPS001671	34%	99.4%	95.0%
SAU802401	BAN101769	25%	49.4%	73.3%
SAU802401	BAN106436	21%	88.1%	91.1%
SAU802401	BAN106118	20%	97.9%	95.2%
SAU802401	BAN109894	27%	96.7%	97.9%
SAU802401	BCE113179	19%	49.8%	96.9%
SAU802401	BFU104281	25%	42.0%	78.2%
SAU802401	BMA108024	20%	41.6%	80.5%
SAU802401	MAV101627	25%	85.2%	86.1%
SAU802401	SAU802401	100%	100%	100%
SAU802401	SEP201019	55%	98.4%	100%
SAU802401	SHA101601	49%	97.5%	98.7%
SAU802401	YPS002784	31%	33.3%	9.3%
SAU802418	LPN101927	20%	49.1%	32.6%
SAU802418	PSY104376	28%	21.0%	32.1%
SAU802418	SAU802418	100%	100%	100%
SAU802418	SAU800111	28%	37.9%	49.8%
SAU802418	VCH101393	28%	19.6%	14.9%
SAU802419	BAN101272	21%	87.1%	89.5%
SAU802419	BAN107130	21%	88.3%	89.9%
SAU802419	SAU801819	33%	89.0%	84.9%
SAU802419	SAU802421	29%	98.1%	95.4%
SAU802419	SAU802004	29%	92.2%	91.1%
SAU802419	SAU801163	25%	95.5%	96.9%
SAU802419	SAU802005	34%	87.4%	77.8%
SAU802419	SAU802420	67%	98.4%	99.0%
SAU802419	SAU801820	70%	98.4%	99.0%
SAU802419	SAU802419	100%	100%	100%
SAU802425	ABA100387	33%	89.9%	91.8%
SAU802425	BAN102051	49%	94.3%	96.9%
SAU802425	BAN104523	52%	94.3%	95.2%
SAU802425	BPT101142	33%	87.5%	87.4%
SAU802425	BCE111317	34%	82.1%	78.5%
SAU802425	BFU107999	31%	95.2%	87.6%
SAU802425	BMA105033	33%	88.7%	87.9%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802425	CJU101589	33%	80.3%	97.1%
SAU802425	CPN200793	31%	89.3%	90.9%
SAU802425	CAC101689	37%	94.3%	97.3%
SAU802425	CBO100552	37%	93.4%	97.5%
SAU802425	CDF101504	38%	94.6%	98.5%
SAU802425	CDP101447	34%	93.4%	94.9%
SAU802425	EBC101268	33%	85.1%	86.8%
SAU802425	ECO100751	33%	85.1%	83.5%
SAU802425	HIN101001	30%	85.7%	86.5%
SAU802425	HPY101386	30%	80.3%	96.8%
SAU802425	KPN301793	33%	89.0%	87.3%
SAU802425	LPN101546	35%	84.8%	90.3%
SAU802425	MCA102956	34%	90.1%	89.3%
SAU802425	MAV100547	33%	92.2%	79.9%
SAU802425	MBV101758	32%	92.2%	85.2%
SAU802425	MLP100755	33%	92.2%	89.9%
SAU802425	MTU201568	32%	92.2%	89.1%
SAU802425	NGO100345	29%	80.3%	77.4%
SAU802425	NME201245	30%	82.1%	79.4%
SAU802425	PMU100379	31%	88.4%	88.7%
SAU802425	PRT105537	33%	85.1%	83.8%
SAU802425	PAE200499	31%	90.7%	86.4%
SAU802425	PPU105080	33%	83.3%	79.8%
SAU802425	PSY103312	33%	83.6%	80.1%
SAU802425	SPA100245	33%	71.3%	92.7%
SAU802425	STY102313	34%	85.1%	83.5%
SAU802425	STM102072	34%	85.1%	83.5%
SAU802425	SAU802425	100%	100%	100%
SAU802425	SEP202217	77%	94.9%	99.1%
SAU802425	SHA101398	76%	94.9%	99.1%
SAU802425	VCH101093	33%	83.9%	80.9%
SAU802425	YPS002123	31%	85.1%	83.8%
SAU802426	ABA100566	35%	94.5%	95.5%
SAU802426	BAN105329	49%	97.3%	100%
SAU802426	BAN100374	50%	99.1%	97.2%
SAU802426	BFR105798	33%	96.9%	55.9%
SAU802426	BPT100802	34%	92.0%	97.4%
SAU802426	BBU100339	31%	10.4%	17.5%
SAU802426	BCE102714	33%	94.7%	93.3%
SAU802426	BCE101562	34%	93.4%	95.3%
SAU802426	BFU107996	33%	92.7%	91.4%
SAU802426	BMA105498	36%	83.2%	80.2%
SAU802426	CJU100276	35%	96.9%	99.1%
SAU802426	CPN200796	35%	93.8%	94.8%
SAU802426	CAC103102	39%	98.5%	99.8%
SAU802426	CDP101053	30%	97.8%	96.3%
SAU802426	ECO100750	32%	96.5%	96.7%
SAU802426	HIN101523	33%	95.6%	95.8%
SAU802426	HPY100960	36%	96.7%	97.0%
SAU802426	KPN301795	32%	96.5%	95.4%
SAU802426	MCA100377	35%	96.0%	94.1%
SAU802426	MAV103992	34%	92.9%	87.7%
SAU802426	MBV102582	32%	92.9%	91.5%
SAU802426	MLP100752	34%	83.8%	84.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802426	MTU201547	32%	92.9%	91.5%
SAU802426	NGO101913	35%	88.1%	93.1%
SAU802426	NME200866	35%	92.9%	92.4%
SAU802426	PMU101900	33%	95.8%	88.2%
SAU802426	PRT101762	35%	96.2%	97.4%
SAU802426	PAE200419	39%	96.5%	93.4%
SAU802426	PPU109348	37%	98.2%	83.1%
SAU802426	PSY103605	37%	98.2%	94.9%
SAU802426	STY102312	33%	96.5%	96.7%
SAU802426	SAU802426	100%	100%	100%
SAU802426	SEP200097	76%	99.8%	100%
SAU802426	VCH101092	33%	96.2%	96.7%
SAU802426	YPS002121	36%	91.6%	93.1%
SAU802439	BCE107747	30%	77.0%	98.2%
SAU802439	CAC103752	23%	19.5%	31.6%
SAU802439	CBO102950	23%	64.9%	85.5%
SAU802439	CDP101057	24%	61.1%	75.2%
SAU802439	MBV101962	28%	60.7%	73.6%
SAU802439	MTU202253	28%	60.7%	73.6%
SAU802439	NGO101840	24%	44.9%	52.8%
SAU802439	SAU802439	100%	100%	100%
SAU802439	SHA101133	63%	99.3%	99.0%
SAU802439	SPN400573	25%	98.3%	96.3%
SAU802439	SPY101946	37%	28.5%	92.9%
SAU802442	BFU112290	35%	18.0%	17.2%
SAU802442	BFU101947	40%	22.3%	20.2%
SAU802442	EBC101408	25%	85.5%	85.0%
SAU802442	KPN302715	26%	56.2%	51.2%
SAU802442	LPN102898	25%	61.1%	36.1%
SAU802442	PRT102223	25%	86.2%	86.1%
SAU802442	SAU802442	100%	100%	100%
SAU802442	SHA102938	79%	100%	100%
SAU802442	VCH101669	25%	60.1%	61.2%
SAU802444	MGE100123	21%	24.2%	33.3%
SAU802444	SAU802444	100%	100%	100%
SAU802444	SEP201112	80%	100%	100%
SAU802444	SHA101626	68%	98.9%	98.9%
SAU802448	BFR102635	36%	85.4%	86.0%
SAU802448	BPT102384	34%	86.1%	83.6%
SAU802448	BCE102560	46%	72.0%	77.3%
SAU802448	BFU103281	42%	88.3%	90.8%
SAU802448	BMA103809	50%	55.4%	72.8%
SAU802448	CAC100655	43%	88.8%	96.6%
SAU802448	CBO102037	44%	88.8%	94.3%
SAU802448	CDF102723	47%	88.8%	96.6%
SAU802448	CDP101406	52%	58.5%	87.7%
SAU802448	EBC101184	41%	88.3%	97.9%
SAU802448	EFA200443	60%	93.9%	98.7%
SAU802448	EFM101077	34%	90%	98.2%
SAU802448	ECO102088	43%	73.2%	98.7%
SAU802448	KPN308726	40%	75.1%	99.0%
SAU802448	LMO100952	61%	94.9%	98.2%
SAU802448	MAV103175	38%	88.8%	98.1%
SAU802448	MBV105820	39%	88.0%	95.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802448	MTU203703	39%	88.0%	95.2%
SAU802448	PRT102695	32%	84.4%	87.2%
SAU802448	PAE203888	40%	88.3%	94.1%
SAU802448	PPU103929	43%	87.8%	93.5%
SAU802448	PSY108132	43%	87.8%	93.5%
SAU802448	SPA101282	41%	73.2%	96.5%
SAU802448	STY104336	41%	88.3%	95.5%
SAU802448	STM103203	35%	84.4%	87%
SAU802448	SAU802448	100%	100%	100%
SAU802448	SEP201147	78%	98.8%	97.6%
SAU802448	SHA100819	76%	99.8%	86.4%
SAU802448	SMU101306	56%	91.0%	97.4%
SAU802448	SPY100277	34%	79.3%	98.3%
SAU802448	YPS000240	45%	73.2%	97.8%
SAU802452	ABA103825	24%	94.4%	90.3%
SAU802452	BAN112396	28%	25.6%	73.2%
SAU802452	BAN105354	34%	44.6%	95.1%
SAU802452	BAN111201	29%	90.6%	89.7%
SAU802452	BFR104989	19%	90.9%	90.8%
SAU802452	BPT100181	24%	93.7%	92.4%
SAU802452	BCE102642	28%	95.2%	88.5%
SAU802452	BFU108139	27%	89.1%	88.4%
SAU802452	BMA102629	27%	94.7%	93.8%
SAU802452	CJU101166	25%	98.7%	97.2%
SAU802452	CDP100795	20%	95.4%	88.3%
SAU802452	EBC101460	25%	85.3%	95.4%
SAU802452	EFA200778	28%	95.4%	93.7%
SAU802452	ECO101499	26%	94.9%	92.4%
SAU802452	HIN100128	24%	94.7%	92.7%
SAU802452	HPY101168	26%	97.0%	94.9%
SAU802452	KPN301059	26%	95.4%	94.4%
SAU802452	LPN100988	24%	89.4%	89.5%
SAU802452	LMO100724	26%	97.0%	97.4%
SAU802452	MAV104012	23%	90.9%	86.5%
SAU802452	MBV102693	21%	89.1%	89.3%
SAU802452	MTU200190	21%	93.4%	89.3%
SAU802452	NGO102033	20%	95.2%	99.2%
SAU802452	PMU100949	25%	94.9%	90.6%
SAU802452	PRT100064	26%	95.4%	82.5%
SAU802452	PAE203301	32%	91.4%	90.3%
SAU802452	PPU111526	25%	95.2%	95.6%
SAU802452	PSY101770	25%	95.2%	94.8%
SAU802452	SPA101640	26%	96.2%	96.4%
SAU802452	STY104274	26%	94.9%	92.4%
SAU802452	STM103712	26%	96.2%	95.4%
SAU802452	SAU802452	100%	100%	100%
SAU802452	SEP201161	77%	98.7%	99.5%
SAU802452	SHA101184	72%	98.7%	99.7%
SAU802452	YPS002886	29%	94.7%	94.8%
SAU802459	ABA104623	35%	97.1%	85.3%
SAU802459	BAN110218	39%	91.4%	94.1%
SAU802459	BAN106937	47%	96%	96.6%
SAU802459	BPT100094	34%	92.6%	79.8%
SAU802459	BCE110085	36%	96.2%	85.5%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802459	BFU101558	35%	95.0%	86.9%
SAU802459	BMA107414	37%	95.0%	88.2%
SAU802459	CDF100518	31%	28.8%	86.1%
SAU802459	CDF103659	31%	64.6%	66.9%
SAU802459	LPN101703	36%	93.9%	87.2%
SAU802459	MCA101185	35%	98.5%	87.7%
SAU802459	PAE203600	36%	94.7%	86.2%
SAU802459	PPU110002	36%	93.0%	81.8%
SAU802459	SAU802459	100%	100%	100%
SAU802459	SEP200972	78%	100%	100%
SAU802459	SHA101719	75%	99.8%	99.6%
SAU802464	PRT104892	41%	97.0%	97.8%
SAU802464	SAU802464	100%	100%	100%
SAU802464	SEP200047	69%	98.9%	98.9%
SAU802467	ABA100843	20%	73.5%	75.7%
SAU802467	BAN108463	24%	64.8%	70%
SAU802467	BAN105979	26%	93.6%	93.1%
SAU802467	BPT102300	26%	79.9%	78.2%
SAU802467	BCE113024	27%	65.0%	72.8%
SAU802467	BFU100703	27%	94.4%	94.6%
SAU802467	BMA100152	25%	23.5%	45.6%
SAU802467	BMA105680	27%	72.6%	74.3%
SAU802467	CJU101490	27%	91.9%	93.2%
SAU802467	CBO100751	24%	96.1%	95.3%
SAU802467	CBO101097	23%	95.9%	95.1%
SAU802467	CBO101308	25%	92.7%	88.8%
SAU802467	CDF101830	20%	96.1%	95.4%
SAU802467	CDF101269	25%	91.0%	89.3%
SAU802467	CDP100600	27%	55.5%	51.7%
SAU802467	EBC100767	25%	95.3%	96.6%
SAU802467	ECO103399	34%	93.2%	94.3%
SAU802467	HIN100833	22%	93.2%	93.3%
SAU802467	HPY100294	25%	89.1%	87.1%
SAU802467	KPN300173	48%	16.0%	77.0%
SAU802467	KPN304736	31%	93.0%	94.4%
SAU802467	LPN103438	24%	59.2%	79.0%
SAU802467	LMO100125	23%	92.7%	92.0%
SAU802467	MAV103759	24%	77.3%	79.2%
SAU802467	MLP100689	20%	76.9%	78.1%
SAU802467	PMU100236	25%	96.4%	96.4%
SAU802467	PRT101741	41%	94.4%	95.0%
SAU802467	PAE204498	24%	94.7%	94.7%
SAU802467	PAE204494	25%	84.2%	84.5%
SAU802467	PPU106604	34%	93.0%	99.2%
SAU802467	PSY102116	26%	85.9%	84.7%
SAU802467	SPA102842	26%	90.2%	94.6%
SAU802467	STY100765	26%	95.3%	96.6%
SAU802467	SAU802467	100%	100%	100%
SAU802467	SEP200050	82%	100%	100%
SAU802467	SHA102504	27%	97.6%	96.7%
SAU802467	SHA102341	28%	95.7%	95.4%
SAU802467	SPY201537	27%	76.5%	74.4%
SAU802467	VCH100169	26%	75.4%	70.3%
SAU802467	YPS002641	26%	85.2%	85.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802468	PAE204830	31%	96.5%	94.7%
SAU802468	SAU802468	100%	100%	100%
SAU802468	SEP200060	61%	98.4%	99.1%
SAU802468	YPS001170	29%	91.2%	91.7%
SAU802469	PAE204831	25%	84.6%	87.1%
SAU802469	SAU802469	100%	100%	100%
SAU802469	SEP200061	62%	99.3%	99.6%
SAU802469	YPS001169	28%	65.8%	67.9%
SAU802472	BFR11509	39%	90.8%	98.0%
SAU802472	BPT101439	41%	93.0%	98.8%
SAU802472	BFU103591	40%	93.0%	89.8%
SAU802472	CAC101364	36%	92.6%	94.8%
SAU802472	CDF100553	36%	92.3%	94.7%
SAU802472	EFA200981	37%	93.8%	95.9%
SAU802472	EFA201256	36%	93.0%	95.0%
SAU802472	EFM202362	37%	93.8%	95.9%
SAU802472	KPN103715	36%	91.5%	98.4%
SAU802472	MAV106724	36%	91.2%	95.7%
SAU802472	MBV102804	39%	93.4%	98.0%
SAU802472	MLP100673	29%	84.9%	83.0%
SAU802472	MTU201908	39%	93.4%	98.0%
SAU802472	PAE201648	39%	93.0%	98.8%
SAU802472	PPU101577	35%	94.9%	95.8%
SAU802472	SAU802472	100%	100%	100%
SAU802472	SEP200975	76%	99.3%	99.3%
SAU802472	SHA101724	77%	100%	100%
SAU802472	SPN400290	35%	92.6%	93.4%
SAU802472	SPY200457	35%	93.8%	97.0%
SAU802472	VCH101567	37%	93.4%	96.8%
SAU802473	BFR12135	33%	93.8%	98.8%
SAU802473	BPT101434	22%	72.9%	85.3%
SAU802473	CTR100501	44%	9.2%	7.8%
SAU802473	CDF101113	40%	97.5%	100%
SAU802473	CDF103684	41%	99.4%	98.6%
SAU802473	CDP101707	32%	88.7%	98.1%
SAU802473	EBC100434	33%	71.5%	91.4%
SAU802473	EFA201330	27%	27.0%	26.8%
SAU802473	ECO101307	35%	95.3%	94.9%
SAU802473	KPN304537	36%	95.3%	95.3%
SAU802473	MCA101881	37%	98.2%	94.0%
SAU802473	NGO100614	37%	97.1%	97.3%
SAU802473	NME201822	37%	97.1%	97.3%
SAU802473	PMU101104	37%	99.4%	98.9%
SAU802473	PRT100243	37%	97.3%	98.5%
SAU802473	SAU802473	100%	100%	100%
SAU802473	SHA101725	74%	99.4%	99.2%
SAU802473	SPY200100	23%	65.6%	68.3%
SAU802473	VCH100864	36%	99.2%	97.0%
SAU802473	YPS001074	31%	95.5%	95.2%
SAU802481	CBO103036	28%	47.0%	37.8%
SAU802481	SAU802486	82%	97.3%	100%
SAU802481	SAU802481	100%	100%	100%
SAU802481	SEP200591	74%	88.3%	98.7%
SAU802481	SEP200552	71%	97.7%	98.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802481	SEP200589	73%	98.1%	99.2%
SAU802481	SEP200598	60%	87.9%	99.1%
SAU802481	SEP200593	62%	87.5%	97.1%
SAU802481	SEP200083	59%	93.6%	99.6%
SAU802481	SEP200597	60%	97.7%	99.2%
SAU802481	SEP200616	60%	97.7%	99.6%
SAU802481	SEP200553	66%	97.0%	98.8%
SAU802481	SHA101524	83%	67.8%	98.4%
SAU802488	ABA100783	23%	17.9%	16.1%
SAU802488	ABA100144	24%	19.8%	17.3%
SAU802488	EBC102917	30%	19.8%	16.7%
SAU802488	ECO102143	32%	19.8%	16.7%
SAU802488	HPY101500	34%	52.2%	39.5%
SAU802488	HPY100585	21%	69.2%	34.5%
SAU802488	KPN301786	31%	20.6%	17.5%
SAU802488	PRT101141	36%	15.5%	13.1%
SAU802488	STY104333	31%	19.8%	16.7%
SAU802488	STM100155	31%	19.8%	16.7%
SAU802488	SAU802488	100%	100%	100%
SAU802488	SEP201002	64%	99.8%	52.0%
SAU802488	SPY101669	29%	20.4%	22.5%
SAU802488	YPS000334	33%	20.0%	16.1%
SAU802491	BAN105883	33%	91.6%	96.2%
SAU802491	BAN103235	39%	91.6%	96.5%
SAU802491	BFR101582	36%	90.7%	93.3%
SAU802491	BBU100834	32%	87.8%	92.3%
SAU802491	BFU111711	22%	84.2%	75.5%
SAU802491	BFU102625	22%	84.2%	85.9%
SAU802491	CPN200707	34%	85.2%	85.1%
SAU802491	CTR200560	33%	85.9%	86.0%
SAU802491	CAC102619	37%	89.4%	92.7%
SAU802491	CBO103621	39%	90.6%	93.9%
SAU802491	CDF104307	34%	92.6%	97.0%
SAU802491	CDF100956	35%	96.6%	95.5%
SAU802491	CDP101629	32%	88.2%	90%
SAU802491	EFA200367	40%	91.9%	96.7%
SAU802491	EFM101685	35%	93.1%	97.6%
SAU802491	HIN100721	32%	82.7%	94.2%
SAU802491	LMO102655	38%	91.6%	96.2%
SAU802491	MAV100233	28%	91.9%	96.2%
SAU802491	MBV100850	29%	90.7%	94.8%
SAU802491	MLP100433	28%	91.1%	94.6%
SAU802491	MTU203265	29%	90.7%	94.8%
SAU802491	MGE100053	29%	90.4%	94%
SAU802491	MPN100088	28%	86.1%	89.4%
SAU802491	PMU101074	33%	88.9%	89.8%
SAU802491	PRT100549	22%	84.2%	87.8%
SAU802491	PPU110293	23%	84.2%	88.3%
SAU802491	PSY105678	24%	87.7%	91.1%
SAU802491	STM101606	22%	84.6%	88.3%
SAU802491	SAU802491	100%	100%	100%
SAU802491	SEP201006	66%	93.1%	99.6%
SAU802491	SHA102495	55%	93.3%	99.3%
SAU802491	SMU100294	38%	88.0%	92.5%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802491	SPN401350	36%	87.1%	91.6%
SAU802491	SPY200938	38%	88.0%	92.5%
SAU802491	TPA100634	33%	89.4%	92.5%
SAU802491	UUR100536	29%	88.2%	90.8%
SAU802491	VCH103757	33%	90.1%	93.7%
SAU802496	BMA100689	34%	8.4%	10.3%
SAU802496	CBO102378	29%	5.3%	29.8%
SAU802496	CDF100714	32%	10.1%	26.9%
SAU802496	CDF102419	29%	44.8%	45.1%
SAU802496	SAU802496	100%	100%	100%
SAU802496	SEP202577	60%	93.0%	4.9%
SAU802496	SHA102996	55%	71.4%	76.9%
SAU802496	SPN401042	23%	95.4%	20.8%
SAU802496	SPN400581	26%	83.4%	22.3%
SAU802496	SPY100688	30%	13.5%	21.7%
SAU802496	UUR100377	20%	56%	71.6%
SAU802502	ABA105088	40%	11.7%	31.9%
SAU802502	BAN109365	16%	27.4%	32.3%
SAU802502	BAN100965	21%	29.1%	17.2%
SAU802502	BAN111001	19%	23.2%	12.6%
SAU802502	BPT105763	30%	12.2%	37.3%
SAU802502	BPT105804	40%	5.2%	14.2%
SAU802502	BBU100545	16%	19.0%	70.6%
SAU802502	BCE111297	41%	13.5%	13.5%
SAU802502	BFU107405	42%	8.1%	53.4%
SAU802502	BMA109637	37%	6.1%	59.8%
SAU802502	CJU101536	29%	12.2%	50.7%
SAU802502	CPN200033	19%	22.1%	25.6%
SAU802502	CPN200268	39%	7.8%	8.9%
SAU802502	CTR200876	22%	8.8%	35.4%
SAU802502	CDF103752	27%	8.8%	56.4%
SAU802502	CDF102641	30%	38.5%	41.7%
SAU802502	CDP102558	27%	9.3%	7.8%
SAU802502	CDP101521	30%	8.9%	13.9%
SAU802502	EBC100323	28%	11.8%	45.4%
SAU802502	EFA201300	46%	9.9%	47.8%
SAU802502	EFA200083	45%	15.1%	90.2%
SAU802502	EFA202388	39%	18.2%	85.1%
SAU802502	EFA203524	21%	28.8%	44.4%
SAU802502	EFA200038	42%	64.3%	66.7%
SAU802502	EFM201584	29%	21.7%	36.8%
SAU802502	ECO102908	34%	5.8%	10.4%
SAU802502	ECO101223	36%	6.9%	23.4%
SAU802502	HPY101323	29%	13.4%	43.9%
SAU802502	HPY100575	31%	12.5%	31.5%
SAU802502	KPN201031	32%	11.8%	21.2%
SAU802502	LPN101461	21%	18.3%	52.1%
SAU802502	LMO101802	34%	15.1%	29.1%
SAU802502	LMO101963	29%	15.3%	35.8%
SAU802502	MCA102006	28%	4.7%	25.8%
SAU802502	MBV106185	38%	9.9%	24.2%
SAU802502	MLP100033	28%	11.1%	25.8%
SAU802502	MTU203821	33%	10.8%	9.5%
SAU802502	MTU203824	37%	10.3%	25.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802502	MGE100323	22%	25.8%	53.4%
SAU802502	MPN100275	27%	88.8%	52.7%
SAU802502	MPN100388	29%	8.2%	55.8%
SAU802502	NGO100382	20%	17.2%	36.2%
SAU802502	NGO101515	20%	17.2%	50%
SAU802502	NGO100447	20%	17.2%	36.2%
SAU802502	NGO101440	20%	17.2%	36.2%
SAU802502	NGO101563	29%	13.4%	19.4%
SAU802502	NME201654	22%	17.3%	29.3%
SAU802502	NME200717	30%	8.4%	15.5%
SAU802502	PMU100098	28%	66.5%	29.9%
SAU802502	PRT100444	30%	5.7%	49.5%
SAU802502	PRT105010	39%	13.0%	38.3%
SAU802502	PAE203113	27%	10.0%	10.8%
SAU802502	PAE200196	41%	7.3%	39.6%
SAU802502	PPU102161	31%	8.9%	42.4%
SAU802502	PSY102683	33%	8.1%	6.7%
SAU802502	PSY104998	41%	11.2%	15.8%
SAU802502	SPA103530	23%	14.6%	48.9%
SAU802502	STY101188	24%	14.6%	49.1%
SAU802502	SAU800563	19%	99.4%	98.2%
SAU802502	SAU802630	21%	90.4%	65.7%
SAU802502	SAU800561	21%	99.4%	98.0%
SAU802502	SAU800811	22%	99.7%	99.4%
SAU802502	SAU802503	66%	100%	100%
SAU802502	SAU802502	100%	100%	100%
SAU802502	SEP200110	20%	96.6%	87.8%
SAU802502	SHA100540	23%	15.7%	88.6%
SAU802502	SHA102998	24%	18.9%	71.5%
SAU802502	SHA100562	23%	78.7%	84.7%
SAU802502	SMU100238	40%	14.6%	19.7%
SAU802502	SMU100747	22%	19.7%	29.2%
SAU802502	SMU100749	44%	6.5%	5.8%
SAU802502	SPN401402	39%	66.8%	88.1%
SAU802502	SPY201545	29%	62.2%	35.1%
SAU802502	TPA100365	33%	12.2%	17.4%
SAU802502	VCH100756	50%	2.3%	7.7%
SAU802502	YPS002256	39%	5.0%	22.1%
SAU802503	ABA105088	30%	11.0%	40.3%
SAU802503	BAN109365	16%	27.2%	34.7%
SAU802503	BAN111001	19%	74.9%	41.9%
SAU802503	BPT105763	24%	3.8%	23.5%
SAU802503	BPT105804	41%	13.4%	14.1%
SAU802503	BBU100545	25%	12.1%	45.8%
SAU802503	BCE111297	45%	13.3%	16.6%
SAU802503	BFU107405	45%	10.2%	78.4%
SAU802503	BMA109637	50%	2.6%	47.5%
SAU802503	CJU101103	22%	35.8%	64.9%
SAU802503	CPN200033	19%	17.5%	22.0%
SAU802503	CPN200268	34%	6.0%	8.5%
SAU802503	CTR200876	33%	13.4%	40.4%
SAU802503	CBO103272	23%	28.7%	56.4%
SAU802503	CDF103752	27%	13.1%	53.5%
SAU802503	CDF102641	29%	7.6%	12.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802503	CDP101521	33%	11.9%	6.8%
SAU802503	EBC103874	27%	16.6%	39.4%
SAU802503	EBC100323	29%	7.4%	52.7%
SAU802503	EFA202388	52%	10.0%	47.9%
SAU802503	EFA200083	50%	14.3%	29.1%
SAU802503	EFA201300	48%	16.7%	89.6%
SAU802503	EFA200038	37%	59.2%	87.4%
SAU802503	EFM201584	28%	16.1%	49.4%
SAU802503	ECO102908	37%	8.2%	9.8%
SAU802503	ECO103311	24%	94.5%	35.7%
SAU802503	ECO101223	40%	7.9%	29.7%
SAU802503	HPY101323	32%	11.7%	53.0%
SAU802503	HPY100575	31%	14.4%	55.2%
SAU802503	KPN201031	24%	12.0%	39.9%
SAU802503	LPN101461	24%	12.8%	43.5%
SAU802503	LMO101963	31%	6.4%	27.1%
SAU802503	LMO101802	34%	15.7%	29.3%
SAU802503	MCA102006	40%	6.6%	26.1%
SAU802503	MBV106185	39%	10.3%	27.8%
SAU802503	MLP100033	28%	6.1%	23.5%
SAU802503	MTU203824	38%	9.5%	21.8%
SAU802503	MTU203821	37%	11.8%	50.6%
SAU802503	MGE100323	21%	21.9%	55.8%
SAU802503	MPN100275	23%	22.8%	15.5%
SAU802503	MPN100388	27%	12.0%	55.1%
SAU802503	NGO101440	20%	15.9%	36.2%
SAU802503	NGO101515	20%	15.9%	50%
SAU802503	NGO100447	20%	15.9%	36.2%
SAU802503	NGO100382	20%	15.9%	36.2%
SAU802503	NGO101563	28%	9.8%	17.0%
SAU802503	NME201654	22%	21.8%	36.7%
SAU802503	NME200717	31%	8.1%	13.7%
SAU802503	PMU100098	28%	92.6%	35.8%
SAU802503	PRT105010	36%	14.7%	38.3%
SAU802503	PRT100444	35%	6.0%	35.4%
SAU802503	PAE203113	25%	9.6%	10.9%
SAU802503	PAE200196	36%	6.3%	45.9%
SAU802503	PPU102161	33%	5.3%	40.3%
SAU802503	PSY108790	31%	6.9%	4.8%
SAU802503	PSY102683	43%	10.2%	6.7%
SAU802503	PSY104998	37%	11.4%	31.5%
SAU802503	SPA103530	22%	17.7%	47.7%
SAU802503	STY101188	22%	16.6%	52.1%
SAU802503	SAU802630	20%	99.3%	97.9%
SAU802503	SAU800561	21%	99.4%	98.0%
SAU802503	SAU800563	20%	99.4%	98.2%
SAU802503	SAU800811	22%	85.1%	96.7%
SAU802503	SAU802502	65%	100%	100%
SAU802503	SAU802503	100%	100%	100%
SAU802503	SEP200110	20%	95.6%	92.8%
SAU802503	SHA100540	21%	16.3%	85.1%
SAU802503	SHA100562	23%	17.3%	15.2%
SAU802503	SHA102998	23%	18.5%	71.8%
SAU802503	SMU100238	23%	19.0%	33.8%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802503	SMU100747	21%	37.7%	61.4%
SAU802503	SMU100749	40%	14.5%	6.5%
SAU802503	SPN401402	39%	4.8%	4.0%
SAU802503	SPY201545	34%	13.5%	19.3%
SAU802503	TPA100365	35%	14.0%	17.4%
SAU802503	VCH100756	58%	5.7%	5.9%
SAU802503	YPS002256	38%	9.8%	5.9%
SAU802506	BAN112425	42%	97.9%	100%
SAU802506	BAN111510	60%	98.3%	98.8%
SAU802506	BFR11473	25%	74.9%	77.2%
SAU802506	BCE101565	30%	95.9%	96.6%
SAU802506	BFU100630	27%	89.9%	85.9%
SAU802506	BMA108610	28%	95.9%	98.1%
SAU802506	CAC102691	31%	97.7%	99.8%
SAU802506	CDF101648	31%	96.9%	97.3%
SAU802506	EBC104555	27%	95.2%	98.6%
SAU802506	EFA200809	39%	98.1%	99.6%
SAU802506	EFM202150	36%	98.5%	100%
SAU802506	ECO103486	25%	95.2%	98.6%
SAU802506	HIN101086	24%	87.6%	87.9%
SAU802506	KPN309070	26%	87.0%	90.1%
SAU802506	LMO101414	41%	98.1%	98.0%
SAU802506	PMU101371	25%	94.4%	98.6%
SAU802506	PRT101395	25%	94.4%	97.7%
SAU802506	STY100699	26%	95.2%	98.6%
SAU802506	STM104115	22%	93.6%	96.4%
SAU802506	SAU802506	100%	100%	100%
SAU802506	SEP201009	76%	99.2%	100%
SAU802506	SHA100834	81%	98.8%	99.8%
SAU802506	YPS000393	27%	97.7%	99.2%
SAU802507	ABA101570	30%	61.9%	56.1%
SAU802507	BAN111763	36%	85.8%	81.1%
SAU802507	BAN106500	46%	100%	93.0%
SAU802507	BPT103130	25%	83.6%	87.7%
SAU802507	BCE107345	29%	61.1%	57.7%
SAU802507	BFU100176	21%	88.5%	74.8%
SAU802507	BFU104257	27%	61.5%	52.8%
SAU802507	BFU103403	21%	88.1%	78.9%
SAU802507	CAC102025	23%	78.8%	81.5%
SAU802507	CDF104417	31%	64.2%	65.8%
SAU802507	CDF100440	27%	81.9%	76.1%
SAU802507	CDP100432	25%	81.9%	83.3%
SAU802507	EBC103251	22%	88.1%	85.5%
SAU802507	EFA200682	32%	31.9%	31.6%
SAU802507	ECO101511	22%	87.6%	85.1%
SAU802507	KPN306069	23%	87.6%	85.1%
SAU802507	MAV104574	32%	23.0%	21.2%
SAU802507	MAV103382	25%	66.4%	61.6%
SAU802507	MAV101336	24%	87.2%	84.1%
SAU802507	MBV102645	25%	57.5%	49.4%
SAU802507	MTU200164	25%	57.5%	49.6%
SAU802507	PRT100638	20%	92.5%	94.1%
SAU802507	PAE200796	21%	93.4%	87.5%
SAU802507	PPU106554	26%	63.3%	66.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802507	PSY105573	22%	84.5%	78.5%
SAU802507	SPA101683	21%	79.6%	60.2%
SAU802507	STY104298	22%	88.1%	85.5%
SAU802507	STM104445	21%	79.6%	60.2%
SAU802507	SAU802507	100%	100%	100%
SAU802507	SEP201029	73%	99.6%	99.6%
SAU802507	SHA100833	74%	98.2%	96.9%
SAU802507	SMU100140	23%	61.5%	61.1%
SAU802507	SPY102945	32%	21.7%	52.5%
SAU802507	VCH101315	25%	82.3%	92.3%
SAU802507	YPS003104	24%	54.4%	56.4%
SAU802510	BAN101366	23%	53.1%	26.2%
SAU802510	BMA100274	45%	21.6%	60.3%
SAU802510	CBO102568	26%	64.8%	13.5%
SAU802510	CBO100474	28%	78.4%	16.5%
SAU802510	EFA200549	40%	40.7%	44%
SAU802510	EFM100539	43%	40.7%	44.6%
SAU802510	LMO102593	50%	32.7%	91.4%
SAU802510	PAE201642	28%	73.5%	36.3%
SAU802510	SAU802510	100%	100%	100%
SAU802510	SEP201035	34%	84.6%	99.3%
SAU802510	SHA100027	51%	43.2%	63.1%
SAU802511	ABA101187	32%	25.0%	21.5%
SAU802511	BPT102628	28%	28.3%	30.1%
SAU802511	BCE107041	29%	25.0%	28.6%
SAU802511	BFU102753	24%	32.3%	21.7%
SAU802511	BMA106189	21%	72.7%	66.9%
SAU802511	CJU100519	28%	29.0%	8.0%
SAU802511	EBC103859	24%	43.3%	75.1%
SAU802511	EFA200764	23%	28.2%	49.1%
SAU802511	EFA200374	31%	26.9%	46.2%
SAU802511	ECO103281	23%	92.6%	85.6%
SAU802511	HIN101645	21%	93.9%	85.8%
SAU802511	KPN301327	21%	92.6%	86.1%
SAU802511	LPN101554	19%	43.7%	77.7%
SAU802511	LPN103586	22%	39.7%	88.8%
SAU802511	MCA100529	35%	8.9%	15.0%
SAU802511	MAV101852	23%	27.3%	21.9%
SAU802511	NGO101970	21%	65.2%	63.7%
SAU802511	NME200209	20%	66.7%	64.4%
SAU802511	PMU100392	21%	90.1%	84.2%
SAU802511	PRT101407	24%	51.7%	44.9%
SAU802511	PAE203303	21%	20.4%	19.4%
SAU802511	PAE201269	20%	23.4%	21.6%
SAU802511	PPU109268	24%	33.1%	29.4%
SAU802511	PSY101807	21%	22.9%	21.1%
SAU802511	SPA103296	23%	52.4%	48.6%
SAU802511	STY103605	29%	24.4%	20.2%
SAU802511	STM102815	22%	98.2%	91.9%
SAU802511	SAU802511	100%	100%	100%
SAU802511	SEP201036	61%	99.3%	94.8%
SAU802511	SHA101790	61%	85.7%	98.3%
SAU802511	VCH103439	27%	28.5%	23.4%
SAU802511	YPS001766	19%	85.5%	79.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802518	ABA105593	29%	50.8%	39.2%
SAU802518	BAN110972	45%	82.2%	91.6%
SAU802518	BAN100218	45%	93.4%	91.6%
SAU802518	BBU100645	26%	63.5%	35.5%
SAU802518	BCE107415	21%	88.8%	81.5%
SAU802518	BFU112947	22%	98.5%	92.7%
SAU802518	CTR100655	27%	58.4%	45.2%
SAU802518	CDF100729	25%	58.9%	39.1%
SAU802518	EFA201235	55%	93.4%	92%
SAU802518	EFM200131	42%	93.4%	91.5%
SAU802518	LPN100583	24%	74.1%	73.5%
SAU802518	LMO102230	42%	93.4%	92.1%
SAU802518	PAE200542	26%	82.7%	51.9%
SAU802518	PPU111804	30%	52.3%	52.8%
SAU802518	PSY105127	30%	80.2%	69.2%
SAU802518	SAU802518	100%	100%	100%
SAU802518	SHA101221	72%	86.3%	98.3%
SAU802520	BAN108403	43%	71.5%	100%
SAU802520	BAN112352	46%	91.7%	89.2%
SAU802520	BFR105372	33%	52.8%	70%
SAU802520	BPT102354	27%	75%	65.3%
SAU802520	BFU110972	30%	77.8%	66.5%
SAU802520	BMA102527	28%	51.4%	46.2%
SAU802520	CAC103017	25%	95.8%	90.3%
SAU802520	CDP101090	30%	79.2%	86.0%
SAU802520	EBC101510	27%	75.7%	63.1%
SAU802520	EFA201241	44%	97.9%	99.3%
SAU802520	EFM101277	27%	52.8%	49.7%
SAU802520	ECO102629	28%	75.7%	63.1%
SAU802520	KPN304419	27%	75.7%	63.1%
SAU802520	LMO100103	26%	79.9%	81.2%
SAU802520	MBV101633	28%	54.2%	48.5%
SAU802520	MLP101283	22%	69.4%	69.9%
SAU802520	MTU200734	28%	54.2%	48.5%
SAU802520	PRT102689	28%	77.8%	65.1%
SAU802520	STY102739	28%	75.7%	63.1%
SAU802520	STM103221	28%	75.7%	63.1%
SAU802520	SAU802520	100%	100%	100%
SAU802520	SHA100070	77%	100%	100%
SAU802520	SMU101475	31%	92.4%	89.3%
SAU802520	SPN401598	26%	82.6%	89.4%
SAU802520	SPY201508	36%	90.3%	91.5%
SAU802520	YPS002793	28%	75.7%	65.3%
SAU802522	ABA102625	29%	25%	23.0%
SAU802522	BAN101372	31%	86.9%	84.3%
SAU802522	BAN110637	34%	86.9%	81.6%
SAU802522	BCE111951	27%	42.9%	36.2%
SAU802522	BFU108797	23%	79.1%	60.2%
SAU802522	EFA201248	39%	40.3%	94.0%
SAU802522	KPN303068	30%	46.6%	40.9%
SAU802522	LMO101465	38%	92.9%	90.7%
SAU802522	PRT103713	24%	42.9%	93.7%
SAU802522	PAE203501	28%	47.0%	60.2%
SAU802522	PPU109159	25%	43.7%	91.4%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802522	SPA100901	26%	42.9%	94.6%
SAU802522	STM103633	26%	42.9%	94.6%
SAU802522	SAU802522	100%	100%	100%
SAU802522	SEP201068	61%	96.6%	97.7%
SAU802522	SHA100686	63%	77.6%	99.0%
SAU802522	SPN400066	34%	81.7%	77.1%
SAU802522	SPY201605	32%	89.2%	83.9%
SAU802528	BAN103721	26%	97.1%	97.6%
SAU802528	CAC100274	29%	89.3%	91.2%
SAU802528	CDP100640	26%	66.5%	50.2%
SAU802528	CDP101493	34%	36.9%	22.5%
SAU802528	CDP100638	26%	67.5%	41.2%
SAU802528	CDP101495	40%	36.4%	23.4%
SAU802528	CDP100684	31%	64.1%	45.0%
SAU802528	EFA202035	28%	70.4%	58.2%
SAU802528	EFM200204	23%	92.7%	57.4%
SAU802528	LMO101005	27%	88.3%	86.0%
SAU802528	SAU802528	100%	100%	100%
SAU802528	SEP201093	71%	99.5%	99.5%
SAU802528	SHA102510	79%	99.5%	99.5%
SAU802528	SMU100891	28%	59.7%	50.4%
SAU802528	SPN300435	33%	59.2%	43.1%
SAU802528	SPY200880	27%	88.8%	78.7%
SAU802539	BFR102568	31%	95.9%	95.7%
SAU802539	BCE113546	30%	96.2%	94.4%
SAU802539	BFU115336	32%	93.3%	87.7%
SAU802539	BFU112943	33%	93.3%	93.3%
SAU802539	BMA108339	31%	96.4%	97.2%
SAU802539	CDP100580	30%	95.0%	95.2%
SAU802539	EBC102312	33%	94.6%	96.1%
SAU802539	EFM100662	36%	91.2%	100%
SAU802539	ECO100847	33%	94.6%	95.5%
SAU802539	KPN301806	33%	94.6%	95.5%
SAU802539	LMO100148	57%	100%	100%
SAU802539	MAV104239	33%	92.9%	92.8%
SAU802539	PRT102417	31%	98.1%	98.8%
SAU802539	PAE202106	34%	93.1%	94.1%
SAU802539	PSY105421	30%	94.6%	95.6%
SAU802539	STY102871	32%	94.6%	95.5%
SAU802539	SAU802539	100%	100%	100%
SAU802539	SEP201171	84%	100%	100%
SAU802539	SHA102199	81%	100%	100%
SAU802539	SPN400642	31%	97.9%	96.6%
SAU802539	YPS001186	32%	94.6%	95.5%
SAU802545	BBU100684	34%	91.8%	87.9%
SAU802545	BCE107302	50%	37.9%	82.1%
SAU802545	BMA103982	27%	23.1%	54.0%
SAU802545	EFM100738	56%	37.6%	100%
SAU802545	LPN103488	35%	99.1%	96.8%
SAU802545	LMO100989	41%	100%	99.8%
SAU802545	PAE110993	24%	48.9%	30.6%
SAU802545	SAU802545	100%	100%	100%
SAU802545	SEP201177	81%	99.8%	99.8%
SAU802545	SHA101318	82%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802545	SMU100946	44%	96.5%	99.8%
SAU802545	SPN401568	42%	97.9%	98.1%
SAU802545	SPY200655	43%	96.7%	96%
SAU802547	ABA105572	39%	90.8%	97.5%
SAU802547	BAN101922	36%	76.3%	90.4%
SAU802547	BAN104869	42%	90.8%	98%
SAU802547	BFR100765	43%	71.1%	68.0%
SAU802547	BPT103019	37%	86.7%	77.9%
SAU802547	BCE103848	40%	89.6%	88.7%
SAU802547	BFU110234	38%	86.7%	64.2%
SAU802547	BMA101458	44%	26.0%	71.4%
SAU802547	BMA108546	39%	60.7%	27.5%
SAU802547	CJU100775	36%	91.9%	98.7%
SAU802547	CPN200150	30%	64.7%	60.7%
SAU802547	CTR200751	26%	48.0%	43.9%
SAU802547	CAC103117	37%	88.4%	92.9%
SAU802547	CBO100820	33%	87.3%	92.3%
SAU802547	CDF100241	49%	97.1%	97.2%
SAU802547	CDP100500	32%	69.9%	83.7%
SAU802547	EBC100683	45%	60.7%	60.1%
SAU802547	EFA201894	37%	65.9%	65.0%
SAU802547	EFM201553	37%	87.3%	96.7%
SAU802547	ECO101306	43%	60.7%	59.1%
SAU802547	HIN100382	46%	98.8%	87.9%
SAU802547	HPY100668	37%	90.2%	88.1%
SAU802547	KPN302255	39%	74.6%	36.6%
SAU802547	LPN100954	37%	88.4%	92.3%
SAU802547	LMO102205	33%	90.8%	46.6%
SAU802547	MCA101470	41%	65.9%	55.8%
SAU802547	MAV102898	41%	90.8%	92.1%
SAU802547	MBV100407	44%	86.7%	88.5%
SAU802547	MLP100717	44%	86.7%	88.5%
SAU802547	MTU201299	44%	86.7%	88.5%
SAU802547	NGO100306	42%	61.8%	35.3%
SAU802547	NME201587	41%	61.8%	35.3%
SAU802547	PMU101068	44%	98.3%	95.6%
SAU802547	PRT106182	32%	93.1%	99.4%
SAU802547	PAE200994	36%	86.7%	86.7%
SAU802547	PPU110616	38%	86.1%	89.2%
SAU802547	PSY102798	40%	54.9%	40.5%
SAU802547	SPA102006	41%	59.0%	57.3%
SAU802547	STY103674	42%	59.0%	57.3%
SAU802547	STM100933	42%	59.0%	57.3%
SAU802547	SAU802547	100%	100%	100%
SAU802547	SEP201179	60%	98.8%	99.4%
SAU802547	SHA101314	58%	100%	100%
SAU802547	SMU101210	42%	93.1%	98.2%
SAU802547	SPN401316	40%	97.1%	96.0%
SAU802547	TPA100140	36%	57.8%	53.7%
SAU802547	VCH103735	40%	90.8%	98.1%
SAU802547	YPS001868	43%	59.0%	57.0%
SAU802548	SPA102343	38%	93.6%	82.7%
SAU802548	STM102687	38%	93.6%	80.2%
SAU802548	SAU802548	100%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802548	SMU100972	64%	98.6%	98.1%
SAU802548	SPN400307	62%	100%	99.9%
SAU802548	SPY200663	63%	98.6%	97.9%
SAU802555	ABA106035	32%	54.3%	54.2%
SAU802555	BAN106994	48%	40.7%	95.3%
SAU802555	BFR11792	51%	93.5%	95.4%
SAU802555	BCE103747	41%	82.4%	88.6%
SAU802555	BFU112906	30%	53.8%	51.9%
SAU802555	CJU100202	33%	45.7%	40.7%
SAU802555	CPN200095	27%	50.3%	30.8%
SAU802555	CTR200807	31%	50.3%	30.7%
SAU802555	CAC101718	48%	94.0%	91.2%
SAU802555	CBO101588	44%	94.0%	84.5%
SAU802555	CDF103080	40%	92.0%	98.9%
SAU802555	CDF103398	47%	93.0%	99.5%
SAU802555	CDP101537	45%	65.3%	92.3%
SAU802555	EBC103982	40%	91.5%	98.4%
SAU802555	EFA204780	39%	99.5%	69.8%
SAU802555	EFM202301	33%	84.4%	95.8%
SAU802555	ECO100334	42%	93.5%	91.1%
SAU802555	KPN303887	40%	91.5%	95.7%
SAU802555	LMO101588	39%	92.5%	96.8%
SAU802555	MAV101369	34%	56.3%	42.5%
SAU802555	MBV105847	36%	56.3%	30.7%
SAU802555	MLP101056	34%	55.8%	43.7%
SAU802555	MTU202994	36%	56.3%	36%
SAU802555	NGO101296	43%	54.3%	62.2%
SAU802555	NME200459	42%	54.3%	62.9%
SAU802555	PMU101056	44%	92.5%	90.6%
SAU802555	PPU102678	38%	87.4%	96.1%
SAU802555	PSY104038	36%	56.3%	31.0%
SAU802555	SPA100218	40%	91.5%	98.4%
SAU802555	STY100785	40%	91.5%	98.4%
SAU802555	SAU802555	100%	100%	100%
SAU802555	SHA101210	67%	95.0%	99.0%
SAU802555	SPN300070	41%	92.0%	97.3%
SAU802555	SPY200807	56%	93.5%	98.9%
SAU802555	VCH103556	34%	97.0%	97.9%
SAU802557	ABA101879	45%	97.9%	97.7%
SAU802557	BAN105978	59%	60.2%	99.8%
SAU802557	BAN110321	61%	70.9%	100%
SAU802557	BFR10291	40%	0.9%	8.6%
SAU802557	BPT102136	43%	4.2%	12.6%
SAU802557	BCE110602	45%	75.2%	97.9%
SAU802557	BFU101728	44%	90.5%	96.7%
SAU802557	BMA106854	46%	74.8%	73.3%
SAU802557	CJU101080	31%	93.1%	92.9%
SAU802557	CPN200982	31%	82.0%	93.6%
SAU802557	CTR200100	30%	82.0%	97.0%
SAU802557	CAC100879	48%	17.1%	8.6%
SAU802557	CBO102754	47%	16.6%	8.1%
SAU802557	CDF102644	49%	98.3%	98.6%
SAU802557	CDP100778	43%	0.4%	9.2%
SAU802557	EBC104530	46%	78.9%	95.9%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802557	EFA201855	49%	8.1%	16.4%
SAU802557	EFM201092	51%	1.4%	7.8%
SAU802557	ECO100475	38%	99.5%	99.9%
SAU802557	HIN100276	37%	0.4%	9.3%
SAU802557	HPY101055	37%	1.5%	7.8%
SAU802557	KPN308679	39%	97.3%	100%
SAU802557	LPN101141	45%	78.9%	88.6%
SAU802557	LPN101253	45%	78.9%	88.3%
SAU802557	LMO100878	51%	1.1%	8.3%
SAU802557	MCA100406	38%	0.9%	8.6%
SAU802557	MAV100988	33%	88.0%	95.4%
SAU802557	MBV103852	51%	75.7%	76.1%
SAU802557	MLP101210	43%	79.9%	84.5%
SAU802557	MTU200960	51%	75.7%	78.3%
SAU802557	MGE100073	25%	62.8%	66.7%
SAU802557	MPN100622	25%	67.5%	69.6%
SAU802557	NGO100160	39%	0.2%	9.7%
SAU802557	NME201398	39%	0.2%	9.7%
SAU802557	PMU101892	39%	0.7%	8.8%
SAU802557	PRT105848	44%	99.0%	98.6%
SAU802557	PAE203917	43%	98.9%	99.5%
SAU802557	PPU108258	44%	7.9%	16.1%
SAU802557	PSY102170	44%	0.1%	9.1%
SAU802557	SPA101217	38%	89.3%	100%
SAU802557	STY100871	38%	99.5%	99.9%
SAU802557	STM104228	45%	0.7%	8.0%
SAU802557	SAU802557	100%	100%	100%
SAU802557	SEP201193	73%	99.1%	100%
SAU802557	SHA100292	69%	76.4%	100%
SAU802557	SMU100795	45%	1.0%	8.4%
SAU802557	SPN400641	45%	81.2%	86.5%
SAU802557	SPY201317	43%	1.4%	8.0%
SAU802557	TPA101026	35%	89.9%	99.2%
SAU802557	UUR100203	31%	80.2%	94.5%
SAU802557	VCH102181	42%	5.2%	5.5%
SAU802557	YPS001578	40%	8.4%	17.0%
SAU802558	BAN109810	45%	83.8%	98.3%
SAU802558	BFU109224	40%	88.2%	72.2%
SAU802558	EBC100081	41%	88.2%	75%
SAU802558	EFM202554	38%	86.8%	85.5%
SAU802558	HIN100277	42%	89.7%	88.2%
SAU802558	HIN100278	42%	89.7%	88.2%
SAU802558	HPY101056	32%	89.7%	90.9%
SAU802558	KPN304604	38%	88.2%	65.9%
SAU802558	LMO102528	41%	98.5%	98.5%
SAU802558	MCA101196	42%	97.1%	94.3%
SAU802558	MAV101708	32%	89.7%	85.7%
SAU802558	NGO102035	40%	97.1%	94.3%
SAU802558	PMU101891	47%	98.5%	95.7%
SAU802558	PPU102427	41%	91.2%	90.8%
SAU802558	PSY107623	37%	91.2%	90.8%
SAU802558	SPA101034	40%	63.2%	59.5%
SAU802558	SAU802558	100%	100%	100%
SAU802558	SEP201194	61%	98.5%	94.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802558	SHA101777	62%	98.5%	98.5%
SAU802558	UUR100202	24%	95.6%	86.5%
SAU802564	BAN107558	26%	29.2%	33.1%
SAU802564	BAN112682	21%	44.5%	43.9%
SAU802564	BAN101794	21%	44.5%	44.1%
SAU802564	BMA102467	36%	8.9%	44.4%
SAU802564	LMO100571	26%	99.2%	98.6%
SAU802564	PAE200420	24%	54.3%	48.0%
SAU802564	SAU802564	100%	100%	100%
SAU802564	SHA101771	69%	99.0%	98.0%
SAU802565	SAU802565	100%	100%	100%
SAU802565	SHA103208	47%	41.2%	88.3%
SAU802567	BFU100798	25%	57.2%	94.4%
SAU802567	BMA109603	32%	58.2%	48.1%
SAU802567	CTR200330	25%	16.3%	20.0%
SAU802567	EFM201158	21%	29.5%	65.2%
SAU802567	ECO203243	27%	18.4%	30.2%
SAU802567	HIN100372	29%	36.5%	89.8%
SAU802567	KPN206582	24%	60.7%	96.5%
SAU802567	LPN100851	30%	13.9%	19.0%
SAU802567	LPN101642	31%	62.0%	53.8%
SAU802567	LMO102084	41%	96.7%	98.7%
SAU802567	MAV107021	31%	61.7%	94.2%
SAU802567	MBV105112	33%	57.9%	58.8%
SAU802567	MLP101575	34%	61.9%	59.2%
SAU802567	MTU200111	34%	61.9%	57.5%
SAU802567	NGO101829	27%	95.0%	96.1%
SAU802567	PRT104518	30%	57.7%	51.1%
SAU802567	PAE203155	33%	56.7%	51.4%
SAU802567	PPU103844	22%	57.4%	93.3%
SAU802567	SPA103154	31%	58.2%	53.0%
SAU802567	STY101087	30%	58.2%	53.0%
SAU802567	SAU802567	100%	100%	100%
SAU802567	SEP201198	64%	98.8%	99.2%
SAU802567	SMU101308	26%	95.5%	97.0%
SAU802567	SPN401865	26%	95.2%	97.2%
SAU802567	SPY200033	26%	95.2%	96.8%
SAU802580	BFR10064	24%	86.6%	86.0%
SAU802580	BPT100834	33%	82.1%	85.3%
SAU802580	BCE103008	24%	73.8%	70.3%
SAU802580	BFU100508	22%	69.6%	67.3%
SAU802580	BFU104873	25%	83.9%	70.6%
SAU802580	BFU103585	28%	82.4%	74.7%
SAU802580	BFU103576	29%	73.5%	67.0%
SAU802580	KPN302051	31%	76.5%	79.8%
SAU802580	LPN102617	32%	83.0%	82.9%
SAU802580	LMO102915	42%	98.8%	100%
SAU802580	MAV103755	39%	98.2%	99.4%
SAU802580	MBV100078	24%	71.4%	73.0%
SAU802580	MTU203462	24%	71.4%	73.0%
SAU802580	SAU802580	100%	100%	100%
SAU802580	SHA101214	73%	69.0%	100%
SAU802581	BAN101204	26%	48.9%	56.7%
SAU802581	BAN103460	27%	93.5%	90.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802581	BFU105217	23%	43.8%	39.6%
SAU802581	BFU103369	23%	43.8%	39.5%
SAU802581	CDF100605	26%	57.2%	55.6%
SAU802581	CDF103586	25%	48.6%	52.0%
SAU802581	LMO101378	66%	100%	100%
SAU802581	MAV108594	30%	44.6%	39.1%
SAU802581	SAU802581	100%	100%	100%
SAU802581	SHA102890	70%	99.6%	99.6%
SAU802581	SMU100172	31%	46.7%	34.9%
SAU802581	TPA100942	26%	42.0%	33.3%
SAU802585	BAN105638	33%	58.2%	61.8%
SAU802585	BAN113350	30%	75.5%	87.8%
SAU802585	BAN112732	30%	75.5%	87.8%
SAU802585	CAC102695	34%	89.8%	66.4%
SAU802585	CAC101396	34%	89.8%	66.4%
SAU802585	SAU802585	100%	100%	100%
SAU802585	SEP200238	78%	100%	100%
SAU802586	CBO101009	37%	38.5%	3.6%
SAU802586	EFA102043	24%	80.3%	84.2%
SAU802586	SAU802586	100%	100%	100%
SAU802587	SAU802587	100%	100%	100%
SAU802590	SAU802590	100%	100%	100%
SAU802590	SEP201225	49%	93.4%	86.7%
SAU802599	ABA105729	42%	97.1%	100%
SAU802599	BAN109585	45%	96.7%	96.1%
SAU802599	BAN103122	55%	96.7%	95.3%
SAU802599	BFR101138	43%	94.9%	95.6%
SAU802599	BPT102100	38%	91.5%	89.9%
SAU802599	BCE108792	39%	94.9%	95.6%
SAU802599	BFU102636	39%	94.9%	95.6%
SAU802599	BMA109222	39%	94.9%	95.6%
SAU802599	CJU100267	47%	95.2%	94.9%
SAU802599	CAC102467	44%	97.8%	98.2%
SAU802599	CBO102096	47%	95.2%	95.3%
SAU802599	CDF100322	43%	94.9%	94.9%
SAU802599	CDP101560	40%	77.9%	100%
SAU802599	EBC103390	44%	94.9%	98.1%
SAU802599	EFA200426	50%	93.0%	93.1%
SAU802599	EFM200299	50%	93.0%	93.1%
SAU802599	ECO100134	44%	94.9%	98.1%
SAU802599	HPY101041	39%	93.0%	94.1%
SAU802599	KPN305802	45%	94.9%	98.1%
SAU802599	LMO101566	54%	92.3%	91.7%
SAU802599	MCA100866	39%	94.9%	93.9%
SAU802599	MAV103092	43%	92.3%	88.8%
SAU802599	MBV104454	44%	90.1%	87.9%
SAU802599	MLP100998	42%	92.3%	88.5%
SAU802599	MTU202191	44%	90.1%	87.9%
SAU802599	NGO101061	42%	95.6%	99.2%
SAU802599	NME201002	42%	95.6%	99.2%
SAU802599	PRT102516	42%	94.9%	98.1%
SAU802599	PAE204725	41%	94.9%	97.7%
SAU802599	PPU108442	41%	94.9%	92.9%
SAU802599	PSY105156	42%	94.9%	97.7%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802599	SPA104023	39%	94.9%	97.7%
SAU802599	STY103388	43%	94.9%	97.7%
SAU802599	SAU802599	100%	100%	100%
SAU802599	SEP201249	75%	100%	100%
SAU802599	SHA101527	74%	100%	100%
SAU802599	VCH100581	40%	94.5%	97.7%
SAU802599	YPS000790	46%	95.2%	98.1%
SAU802601	EBC102039	34%	77.8%	87.6%
SAU802601	EFM100783	70%	20.5%	73.8%
SAU802601	KPN304221	32%	99.1%	89.6%
SAU802601	SAU802601	100%	100%	100%
SAU802601	SMU100354	42%	99.6%	99.2%
SAU802601	SPN401248	42%	98.3%	95.9%
SAU802601	SPY101115	40%	47.4%	92%
SAU802601	VCH101565	30%	98.3%	88.1%
SAU802605	BCE111163	23%	63.8%	65.2%
SAU802605	EFA202884	32%	42.8%	28.2%
SAU802605	SAU802605	100%	100%	100%
SAU802605	SEP201630	47%	97.8%	94.4%
SAU802605	SHA103206	40%	93.5%	91.5%
SAU802605	YPS004171	25%	52.9%	56.5%
SAU802606	LPN100635	28%	61.1%	53.0%
SAU802606	MAV102533	61%	98.6%	98.7%
SAU802606	STY101723	32%	15.5%	12.4%
SAU802606	SAU802606	100%	100%	100%
SAU802606	SEP201634	92%	100%	100%
SAU802606	SHA101827	93%	44.3%	100%
SAU802610	BAN105148	30%	61.9%	56.1%
SAU802610	BAN112430	33%	61.9%	54.5%
SAU802610	BFU101996	28%	51.0%	63.1%
SAU802610	CBO103389	30%	37.4%	54.9%
SAU802610	CDP101315	23%	55.8%	80.2%
SAU802610	LMO101650	18%	56.5%	49.1%
SAU802610	MAV100914	23%	46.9%	90.8%
SAU802610	MBV100112	23%	63.3%	88.6%
SAU802610	MLP101168	25%	53.7%	75.2%
SAU802610	MTU203540	23%	63.3%	88.6%
SAU802610	PRT104693	25%	53.7%	52.3%
SAU802610	SAU802610	100%	100%	100%
SAU802610	SEP203908	63%	99.3%	98.6%
SAU802610	SHA101334	65%	99.3%	93.6%
SAU802612	ABA105055	52%	95.8%	98.9%
SAU802612	BPT101787	34%	75.6%	97.9%
SAU802612	BCE100989	49%	86.5%	95.0%
SAU802612	BFU106253	51%	94.0%	95.0%
SAU802612	BMA100271	50%	95.8%	96.1%
SAU802612	CJU100383	29%	13.5%	13.8%
SAU802612	CDP100617	62%	96.3%	92.1%
SAU802612	EBC100717	53%	48.2%	94.8%
SAU802612	ECO100303	49%	95.4%	97.7%
SAU802612	KPN300102	52%	24.4%	100%
SAU802612	KPN304388	50%	96.0%	98.6%
SAU802612	MAV102913	33%	94.0%	99.4%
SAU802612	MBV105546	37%	93.0%	98.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802612	MTU201262	37%	93.0%	98.9%
SAU802612	PRT102375	50%	96.0%	98.4%
SAU802612	PAE205367	49%	96.5%	97.9%
SAU802612	PPU102034	51%	96.5%	97.2%
SAU802612	PSY102763	51%	96.0%	96.1%
SAU802612	SAU802612	100%	100%	100%
SAU802612	SEP201650	88%	99.6%	99.5%
SAU802612	SHA101538	89%	99.6%	99.5%
SAU802612	YPS002162	52%	96.0%	96.3%
SAU802613	ABA104044	41%	95.0%	95.9%
SAU802613	BAN108237	36%	95.8%	93.5%
SAU802613	BAN113091	41%	96.0%	97.3%
SAU802613	BAN112735	41%	96.8%	96.4%
SAU802613	BAN113417	44%	96.0%	95.5%
SAU802613	BFR103003	30%	23.8%	85.5%
SAU802613	BFU102984	38%	97.6%	98.4%
SAU802613	BFU103241	39%	97.4%	94.1%
SAU802613	BFU100165	42%	96.6%	98.8%
SAU802613	BMA103749	40%	96.0%	88.6%
SAU802613	CJU100455	34%	79.2%	99.5%
SAU802613	CAC103154	33%	96.0%	97.5%
SAU802613	CDP100607	51%	97.6%	94.3%
SAU802613	EBC101625	41%	95.6%	96.5%
SAU802613	ECO100304	41%	95.6%	96.5%
SAU802613	KPN304386	40%	95.6%	96.5%
SAU802613	LPN101129	47%	97.8%	99.2%
SAU802613	LMO102125	39%	96.6%	97.3%
SAU802613	MCA100475	37%	95.8%	94.2%
SAU802613	MAV101782	41%	94.8%	94.0%
SAU802613	MAV103466	41%	94.8%	93.0%
SAU802613	MLP101520	30%	90.3%	96.9%
SAU802613	NGO100472	36%	91.3%	91.4%
SAU802613	NME200446	36%	96.0%	98.5%
SAU802613	PPU109546	42%	95.4%	95.5%
SAU802613	PSY103463	41%	95.6%	96.5%
SAU802613	SPA103863	35%	95.4%	97.3%
SAU802613	STY103756	38%	95.0%	96.7%
SAU802613	SAU802613	100%	100%	100%
SAU802613	SEP201652	89%	100%	100%
SAU802613	SHA101537	87%	100%	100%
SAU802613	SMU101316	31%	91.3%	97.4%
SAU802613	SPY200809	30%	91.7%	96.1%
SAU802613	YPS002165	40%	95.6%	96.5%
SAU802627	BAN110806	44%	75.1%	96.9%
SAU802627	BAN110948	47%	98.9%	96.7%
SAU802627	BFR101036	31%	88.6%	94.0%
SAU802627	BCE114143	31%	88.6%	91.7%
SAU802627	BMA108016	31%	88.6%	75.0%
SAU802627	CAC102470	23%	36.5%	49.1%
SAU802627	EBC102822	37%	64.1%	75.4%
SAU802627	EFA202089	46%	97.0%	95.5%
SAU802627	ECO100375	36%	61.8%	69.0%
SAU802627	KPN304876	35%	72.4%	81.9%
SAU802627	PRT105117	33%	71.7%	78.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802627	PAE203294	37%	59.9%	69.7%
SAU802627	SAU802627	100%	100%	100%
SAU802627	SEP201696	66%	99.8%	98.2%
SAU802627	SHA101994	63%	99.8%	97.8%
SAU802627	YPS001866	36%	60.3%	69.4%
SAU802628	ABA105164	19%	63.7%	55.6%
SAU802628	ABA104704	17%	73.2%	74.7%
SAU802628	BAN106975	45%	82.2%	83.1%
SAU802628	BAN103536	45%	82.2%	83.1%
SAU802628	BFU101239	26%	65.0%	77.4%
SAU802628	BFU102576	25%	65.6%	77.0%
SAU802628	BMA109935	22%	73.2%	86.5%
SAU802628	CBO101313	29%	70.1%	75.9%
SAU802628	EBC103824	20%	68.2%	66.7%
SAU802628	EFA202071	20%	73.2%	80%
SAU802628	KPN300786	37%	33.1%	69.1%
SAU802628	LMO101624	44%	86.6%	92.1%
SAU802628	MAV105204	24%	70.1%	69.9%
SAU802628	PAE201652	36%	80.3%	82.3%
SAU802628	SPA102320	28%	59.2%	67.1%
SAU802628	STY100589	28%	59.2%	68.1%
SAU802628	STM104051	29%	59.2%	67.1%
SAU802628	SAU802628	100%	100%	100%
SAU802628	SEP201738	74%	94.3%	100%
SAU802628	SHA101864	73%	94.9%	100%
SAU802632	BFR105563	27%	32.0%	27.9%
SAU802632	BFU113817	42%	95.7%	99.0%
SAU802632	CBO100615	47%	95.7%	94.2%
SAU802632	EFA202434	54%	92.2%	94.5%
SAU802632	EFM201460	51%	96.3%	98.4%
SAU802632	LPN102484	27%	35.1%	32.9%
SAU802632	LMO102628	51%	96.6%	99.0%
SAU802632	PMU101896	29%	35.1%	32.4%
SAU802632	PRT105732	38%	95.7%	98.3%
SAU802632	SPA100561	39%	95.3%	98.3%
SAU802632	STM100668	39%	95.3%	98.3%
SAU802632	SAU802632	100%	100%	100%
SAU802632	SMU101540	48%	96.3%	98.4%
SAU802632	SPN200887	49%	81.1%	98.5%
SAU802632	SPY201189	49%	96.3%	98.4%
SAU802638	BAN107918	24%	65.7%	61.7%
SAU802638	SAU802638	100%	100%	100%
SAU802638	SEP202299	24%	72%	72.5%
SAU802638	SEP202175	32%	84%	89.4%
SAU802638	SHA100151	47%	100%	100%
SAU802641	BBU100407	43%	98.9%	3.7%
SAU802641	CPN200703	33%	19.7%	81.0%
SAU802641	CAC101724	45%	70.9%	98.7%
SAU802641	CDF103357	38%	99.2%	98.0%
SAU802641	EFM200703	52%	99.8%	99.7%
SAU802641	KPN103840	44%	46.6%	94.5%
SAU802641	MCA101148	20%	33.4%	75.1%
SAU802641	PMU101795	40%	22.8%	71.4%
SAU802641	SPA101839	42%	72.2%	87.6%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802641	SAU802641	100%	100%	100%
SAU802641	SEP201763	75%	100%	100%
SAU802641	VCH101790	30%	19.4%	84.9%
SAU802641	VCH101791	41%	5.4%	94.6%
SAU802641	VCH101792	40%	80.6%	5.2%
SAU802641	VCH101796	49%	99.5%	2.8%
SAU802642	BBU100406	35%	32.1%	26.6%
SAU802642	CAC102434	34%	98.7%	93.9%
SAU802642	CBO103509	30%	97.8%	92.9%
SAU802642	CDF100717	51%	98.7%	98.7%
SAU802642	CDP100913	29%	33.3%	28.0%
SAU802642	EFA201620	52%	99.4%	98.1%
SAU802642	EFM200644	52%	99.4%	98.4%
SAU802642	LMO100517	53%	99.4%	98.1%
SAU802642	MAV101383	33%	21.8%	17.4%
SAU802642	MBV104868	31%	22.4%	17.9%
SAU802642	MTU203212	31%	22.4%	17.9%
SAU802642	PMU100829	27%	30.8%	24%
SAU802642	SAU802642	100%	100%	100%
SAU802642	SEP201764	67%	99.0%	97.8%
SAU802642	SMU101180	54%	98.7%	97.5%
SAU802642	SPN400647	55%	99.0%	98.7%
SAU802642	SPY201392	53%	99.0%	97.5%
SAU802642	UUR100534	29%	26.6%	29.4%
SAU802642	VCH101797	33%	27.9%	23.7%
SAU802642	VCH100266	30%	28.2%	23.3%
SAU802642	YPS001750	27%	34.0%	28.1%
SAU802643	BAN103063	24%	97.3%	100%
SAU802643	BAN108458	30%	99.8%	99.8%
SAU802643	BFU109734	25%	33.9%	46.8%
SAU802643	CAC100500	26%	10.2%	46.0%
SAU802643	CBO100159	32%	0.5%	41.6%
SAU802643	CDF100068	36%	15.5%	91.1%
SAU802643	CDF103782	30%	0.4%	38.4%
SAU802643	CDP102624	20%	28.9%	62.2%
SAU802643	CDP101471	21%	95.0%	94.6%
SAU802643	CDP100399	22%	93.3%	90.2%
SAU802643	EFA200464	25%	99.8%	96.3%
SAU802643	EFM100294	34%	28.0%	94.6%
SAU802643	ECO103408	23%	16.5%	46.1%
SAU802643	HPY100285	27%	13.7%	4.5%
SAU802643	HPY100077	21%	7.4%	48.4%
SAU802643	HPY100225	22%	21.5%	45.8%
SAU802643	HPY101140	20%	62.3%	10.7%
SAU802643	HPY101226	22%	24.9%	32.5%
SAU802643	LMO102022	28%	99.8%	99.8%
SAU802643	MAV104113	21%	95.7%	94.0%
SAU802643	MLP101538	25%	17.0%	36.6%
SAU802643	PAE202571	19%	25.9%	45.6%
SAU802643	PSY103089	22%	24.1%	42.7%
SAU802643	SPA103375	26%	14.6%	21.8%
SAU802643	STY102351	21%	15.7%	44.6%
SAU802643	SAU802643	100%	100%	100%
SAU802643	SEP201765	66%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802643	SHA101169	63%	100%	100%
SAU802643	SMU101323	23%	96.8%	98.3%
SAU802643	SPN402036	27%	13.3%	54.1%
SAU802643	SPY201662	22%	96.8%	98.7%
SAU802643	YPS002077	25%	11.2%	47.6%
SAU802646	CTR100723	23%	21.7%	29.7%
SAU802646	SAU802646	100%	100%	100%
SAU802646	SEP201767	36%	98.1%	98.8%
SAU802646	SHA101749	33%	98.6%	98.1%
SAU802649	SAU802649	100%	100%	100%
SAU802649	SEP201787	64%	99.0%	99.0%
SAU802649	SHA102155	65%	100%	100%
SAU802649	SPN301641	44%	98.7%	99.1%
SAU802651	BAN102391	24%	20.3%	12.4%
SAU802651	EFA200259	31%	14.2%	25.1%
SAU802651	MAV106301	34%	13.8%	24.6%
SAU802651	SAU802651	100%	100%	100%
SAU802651	SEP201789	54%	99.4%	100%
SAU802651	SHA102153	56%	98.3%	98.7%
SAU802651	SPN301643	39%	98.3%	99.4%
SAU802651	SPY100103	44%	24.7%	100%
SAU802652	EBC103319	28%	17.0%	42.8%
SAU802652	MBV100249	23%	37.1%	54.4%
SAU802652	MTU201429	23%	37.1%	54.4%
SAU802652	SAU802652	100%	100%	100%
SAU802652	SEP201795	43%	99.2%	99.0%
SAU802652	SHA102150	41%	100%	100%
SAU802652	SPN301644	29%	98.8%	98.5%
SAU802652	SPY100024	44%	14.3%	39.9%
SAU802654	ABA105043	16%	61.1%	92.9%
SAU802654	BAN110387	21%	11.0%	67.1%
SAU802654	BAN112878	20%	60.3%	43.8%
SAU802654	BAN100594	20%	3.7%	27.2%
SAU802654	BAN103564	19%	7.7%	57.2%
SAU802654	BAN103966	20%	13.9%	37.7%
SAU802654	BAN106993	18%	11.8%	94.8%
SAU802654	BAN112238	17%	72.5%	19.9%
SAU802654	BFR100872	28%	49.2%	38.4%
SAU802654	BPT103725	21%	30.9%	38.8%
SAU802654	BCE107896	17%	6.2%	97.0%
SAU802654	BCE112211	26%	61.3%	91.7%
SAU802654	BCE114917	29%	18.7%	92.8%
SAU802654	BFU110407	15%	4.4%	99.1%
SAU802654	BFU101138	18%	91.2%	16.1%
SAU802654	BMA107841	21%	18.3%	94.5%
SAU802654	CJU101583	20%	14.5%	69.2%
SAU802654	CJU100590	20%	7.0%	88.4%
SAU802654	CPN200209	18%	10.4%	74.5%
SAU802654	CTR200684	21%	25.9%	74.6%
SAU802654	CTR200685	20%	4.0%	83.8%
SAU802654	CAC100010	16%	13.0%	98.6%
SAU802654	CBO100803	19%	39.0%	50.1%
SAU802654	CDF103991	17%	26.3%	87.2%
SAU802654	CDF104259	16%	16.8%	96.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
SAU802654	CDF102976	19%	30.9%	59.2%
SAU802654	CDF100770	18%	19.3%	66.5%
SAU802654	CDF100757	21%	37.3%	47.0%
SAU802654	CDF103200	17%	16.6%	86.6%
SAU802654	CDF100494	18%	24.5%	63.5%
SAU802654	CDF102075	18%	59.8%	95.2%
SAU802654	CDF100184	27%	15.1%	91.5%
SAU802654	CDF104552	17%	17.5%	88.7%
SAU802654	CDP102193	22%	14.6%	99.4%
SAU802654	EBC100399	19%	25.1%	67.8%
SAU802654	EBC100820	20%	54.4%	83.4%
SAU802654	EBC100805	17%	22.1%	98.2%
SAU802654	EBC101205	18%	15.9%	99.2%
SAU802654	EFA203174	27%	4.7%	40.4%
SAU802654	EFM202396	19%	13.4%	62.3%
SAU802654	EFM200591	19%	26.6%	67.6%
SAU802654	ECO101518	28%	35.1%	42.5%
SAU802654	ECO101343	20%	32.9%	86.5%
SAU802654	HIN100971	18%	37.6%	21.1%
SAU802654	HPY100603	15%	15.5%	17.9%
SAU802654	HPY100313	18%	12.1%	36.5%
SAU802654	HPY100602	19%	25.3%	48.7%
SAU802654	HPY101160	17%	18.5%	63.3%
SAU802654	HPY101226	17%	22.9%	56.8%
SAU802654	HPY100897	22%	1.2%	47.6%
SAU802654	HPY100077	22%	16.2%	65.0%
SAU802654	HPY100906	17%	59.6%	75.7%
SAU802654	HPY101140	19%	21.4%	43.5%
SAU802654	HPY100285	18%	86.7%	16.1%
SAU802654	KPN305221	17%	5.0%	25.9%
SAU802654	LPN102929	17%	12.8%	64.8%
SAU802654	LPN100835	19%	32.7%	84.0%
SAU802654	LPN102554	19%	22.0%	95.2%
SAU802654	LPN101177	19%	53.0%	83.2%
SAU802654	MCA100348	17%	58.9%	94.1%
SAU802654	MAV107352	19%	33.2%	95.6%
SAU802654	MBV103437	18%	40.3%	83.1%
SAU802654	MLP100263	27%	32.9%	48.3%
SAU802654	MTU201527	19%	20.0%	52.7%
SAU802654	MGE100347	16%	17.3%	20.7%
SAU802654	MPN100397	17%	11.0%	72.4%
SAU802654	NGO101220	16%	21.5%	66.1%
SAU802654	NME200634	18%	43.8%	46.9%
SAU802654	PMU100714	16%	13.2%	85.6%
SAU802654	PRT105107	16%	10.7%	92.9%
SAU802654	PAE201873	17%	66.9%	93.2%
SAU802654	PPU104136	17%	35.4%	37.4%
SAU802654	PSY108622	16%	73.8%	22.1%
SAU802654	PSY106453	19%	50.7%	87.8%
SAU802654	SPA103107	19%	25.2%	98.9%
SAU802654	STY100387	19%	26.4%	91.8%
SAU802654	STM104147	19%	6.4%	97.4%
SAU802654	SAU802654	100%	100%	100%
SAU802654	SEP201799	54%	98.8%	71.4%